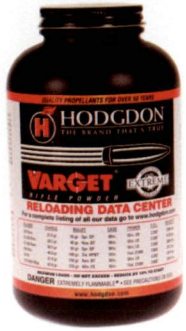
Basic Reloading Manual

HODGDON®
THE BRAND THAT'S TRUE

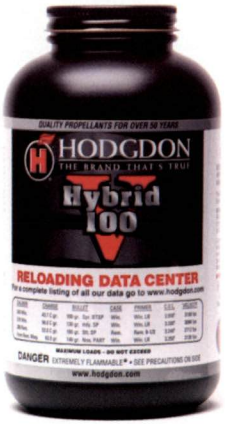
For over 60 years Hodgdon® has supplied the handloader with the most diverse selection of improved technology high performance Rifle, Pistol, and Shotshell powders. From the historical classic H4895® to the clean burning standard for the industry Clays® to the newest technology Hybrid 100V™ Hodgdon has a powder to meet every handloader's need.

HODGDON EXTREME POWDER



Hodgdon Extreme is an exclusive line of extruded rifle powders developed with extreme weather conditions in mind. The Extreme powders perform just as well at 125° as they do at 0°, better than any other powder on the market. Whether hunting at deer in the dead of winter or prairie dogs in the middle of July, Extreme powders give consistent performance load after load.

Newly Developed



Hodgdon Hybrid 100V™ is a new technology rifle powder that marries two technologies: the chemistry of a *Spherical* powder with the geometry of an *Extruded* propellant. Delivering velocities not seen before in a variety of popular cartridges, such as 3,310fps for a 150-grain bullet in the 300 Weatherby Magnum –*nearly 100fps faster than the nearest competitor*. The unique small grain, part Spherical, part Extruded shape benefits the handloader in two ways; the powder accurately flows smoothly and easily through a measure and charge weights are consistent for ideal load density and pinpoint accuracy. Hybrid 100V sets the performance standard with *winning* precision target shooting and big game hunting performance.

IMR®

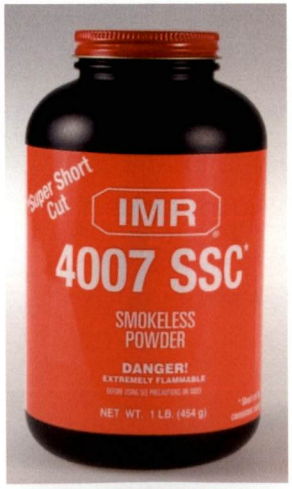
LEGENDARY POWDERS

For over 100 years, from before WWI to today, IMR® Legendary Powders have been the standard in Rifle powder performance. The broad IMR extruded powder line offers powders with burn rates perfect for traditional standards like 30-06, 30-30, and 270 to the newest high performance calibers such as the 300WSM and 375 Ruger. IMR powders are also available for Pistol and Shotgun loads.

Super Short Cut

IMR Super Short Cut powders offer legendary IMR rifle performance improved with grains that are cut 35% shorter. Shorter grains benefit consistency for smooth, even metering and a 4% denser load. Uniformity, versatility, and performance are inherent in the IMR Super Short Cut line.

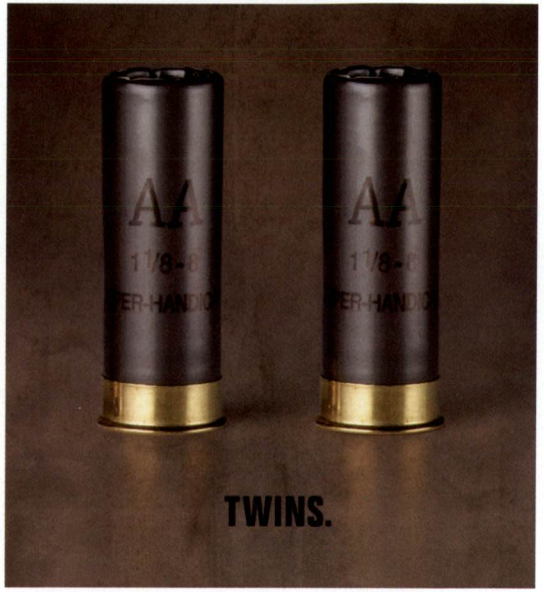
Newly Developed



The newest of the IMR Super Short Cut line, IMR4007SSC™ breaks new ground offering a versatile burn speed compatible with a wide range of calibers. Applicable from 17 caliber to 416 caliber, the advantages of Super Short Cut technology are now available for loading in your favorite rifle.

WINCHESTER®
SMOKELESS PROPELLANTS
FOR LOADING PROFESSIONALS

Winchester® BALL POWDER® propellants are for LOADING PROFESSIONALS. Only with Winchester smokeless propellants can the loads coming off your home reloading press equal the rigorous performance and quality standards of Winchester factory produced ammunition. Twins in every respect.



New for 2009

AutoComp™ - The Competition Pistol Powder

Developed for the discriminating competition pistol shooter, Winchester AutoComp is ideal at delivering maximum semi-auto cartridge and race pistol compensator performance. Specifically designed for the calibers 38 Super, 9mm, 45 ACP and 40 S&W. AutoComp has a longer duration pressure – time relationship offering a higher volume of gas for higher velocity and improved pistol compensator effectiveness. Translation: faster shots with better accuracy.

Three Powder Reloading Manuals in One

Reload Data from THREE powder companies is included in this one reloading manual; Hodgdon, IMR, and Winchester Smokeless Propellants. Data is listed for most popular Rifle, Pistol, and Shotshell cartridges.

For the most comprehensive up to date reload data, including the most recent new caliber introductions, please go to the Reloading Data Center at hodgdon.com.

HODGDON®
THE BRAND THAT'S TRUE

IMR®
LEGENDARY POWDERS

WINCHESTER®
SMOKELESS PROPELLANTS
FOR LOADING PROFESSIONALS

Contents

January 2009

Mission Statement

Our mission is to provide quality propellants, other products, and services to sportsmen, governing units, and other businesses in a manner which enhances the quality of life for our stockholders, employees, customers, associates, and suppliers. In doing so, we will deal with integrity and honesty, reflecting that people are more important than dollars and that our purpose is to bring credit to our Lord Jesus Christ.

Shooters!

Guarantee the future of shooting by educating tomorrow's handloaders. Hodgdon Powder, Co. supports the NRA Foundation's Handloading Education Endowment Fund – you can too! Contact; Executive Director, The NRA Foundation, 11250 Waples Mill Road, Fairfax, VA 22030

NRA

Printed in USA

HODGDON®
THE BRAND THAT'S TRUE

Pistol & Shotgun Powders

In Order of Approximate Burning Rate

TITEWAD® Through advanced technology, Hodgdon Powder Co. has produced a superior flattened spherical shotgun powder. Unlike spherical propellants in the past, TITEWAD features low charge weights, mild muzzle report, minimum recoil and reduced residue for optimum ballistic performance. This outstanding propellant, designed for 12 gauge only, meters superbly and is ideal for 7/8, 1 and 1-1/18 ounce loads. As the name implies, "a little goes a long way!"

CLAYS® Introduced in January 1992, CLAYS has "taken the clay target world by storm." It is the most clean burning, consistent 12 ga. 7/8 oz., 1 oz. and 1-1/8 oz. powder available today. The superb burning characteristics of this powder produce soft, smooth recoil, ultra clean burning, mild muzzle report, and excellent patterns. These features transfer directly to handgun applications where target shooting is the main goal. 45 ACP and 38 Special are only two of the cartridges in which CLAYS provides "tack driving" target accuracy with flawless functioning.

INTERNATIONAL® INTERNATIONAL is the second in the "CLAYS" series of powders. Its burning speed accommodates 12 ga., 2-3/4" light, medium and heavy 1-1/8 oz. loads, with some very nice 1 oz. listings. Also, it works splendidly in 20 ga., 7/8 oz. target and light field loads. As with CLAYS, clean burning and flawless functioning is the rule.

TITEGROUP® As the name implies, this spherical propellant was designed for accuracy. Because of the unique design, this powder provides flawless ignition with all types of primers including the lead-free versions. Unlike pistol powders of the past, powder position in large cases (45 Colt, 357 Magnum and others) has virtually no effect on velocity and performance. Cowboy Action, Bullseye and Combat Shooters should love this one! TITEGROUP has it all

HP38® HP38 is a spherical pistol powder that is great for low velocity and mid-range target loads in 38 Special, 44 Special and 45 ACP. This high energy powder provides economy in loading.

UNIVERSAL® UNIVERSAL handles the broadest spectrum of cartridges for both pistol and shotgun. From the 25 ACP to the 44 Magnum, UNIVERSAL provides outstanding performance. In shotgun, it produces excellent loads in 28 ga. 3/4 oz., 20 ga. 7/8 oz., 16 ga. 1 oz., and even 12 ga.

HS-6® HS-6 is a fine spherical propellant that has wide application in pistol and shotshell. In pistol, 9mm, 38 Super, 40 S&W and 10mm Auto are some of the cartridges where HS-6 provides top performance. In shotshell HS-6 yields excellent heavy field loadings in 10 ga., 12 ga., 16 ga., 20 ga., and even the efficient and effective 28 ga. HS-6 is truly an outstanding spherical propellant.

LONGSHOT® This new spherical shotshell powder is the most versatile heavy field propellant Hodgdon has ever produced. Great field loads in 10 ga., 12 ga., 16 ga., 20 ga., and 28 ga. are shown herein. This propellant provides true magnum velocities with superb patterns. In addition, LONGSHOT is the best choices for those competitors shooting "race" games such as "Buddy" shoots, "Annie Oakleys" and more.

H110® H110 is the spherical powder that screams "no wimps, please!" It delivers top velocities with top accuracy in the 44 Magnum, 454 Casull and 475 Linebaugh. Silhouette shooters claim it is the most accurate 44 powder they have ever used. In addition, H110 is "the" choice for the miniscule 410 Bore shotgun. It handles all 2-1/2", 1/2 oz. loads as well as all 11/16 oz. loads for the 3" version.

LIL' GUN® The 410 Bore has long been difficult to load due to shortcomings in powder fit, metering, along with poor burning characteristics. Not any more! LIL' GUN was designed to fit, meter and perform flawlessly in the 410 Bore. No more spilled shot or bulged cases. In addition LIL' GUN has many magnum pistol applications and is superb in the 22 Hornet.

Rifle Powders

In Order of Approximate Burning Rate

H4198™ This Extreme Extruded propellant has gone through some changes since its inception, all the time maintaining the same important burning speed of the past. The kernels were shortened for improved metering and necessary elements were added to make it extremely insensitive to hot/cold temperatures. H4198 is outstanding in cartridges like the 222 Remington, 444 Marlin and 7.62 x 39.

H322® This powder has won more benchrest matches than all other propellants combined. It provides match grade accuracy in small and medium capacity cartridges like the 223 Remington, 6mm PPC and the 7mm TCU. As a fine extruded powder, it flows through powder measures with superb accuracy.

BENCHMARK® As the name implies, this Extreme Extruded propellant was developed for precision cartridges, such as benchrest and small varmint cartridges like the 6mm PPC, 22 PPC, 6mm BR, 22 BR, 223 Remington and 222 Remington. Additionally, it performs superbly in the 308 Winchester with light match bullets like the 147 gr. and 155 gr. versions. With small, easy metering granules, competitors will love how it flows through progressive presses.

H335® H335 originated as a military powder for the 5.56 NATO, or 223 Remington, as handloaders know it. Obviously, it sees endless use in the 222 Remington, 223 Remington and other small cartridges. In particular, prairie dog shooters will find this a favorite, as J.B. Hodgdon has for years!

H4895® H4895 is a most versatile rifle powder. This member of the Extreme Extruded line is great for 17 Remington, 250-3000 Savage, 308 Winchester and 458 Winchester, to name just a few. It is amazingly accurate in every cartridge where it is listed in our data. It had its origin in the 30-06 as a military powder and was the first powder Bruce Hodgdon sold to the loading public.

Extreme Powders

VARGET® The first of Hodgdon's revolutionary Extreme Extruded Powders, VARGET features small extruded grains for uniform metering, insensitivity to hot/cold temperatures and higher energy for improved velocities over other powders in its burning speed class. Easy ignition and clean burning translate into superb accuracy, higher scores and more clean, one shot kills. Outstanding performance and velocity can be obtained in popular cartridges such as the 223 Remington, 22-250 Remington, 308 Winchester, 30-06, 375 H&H and many more.

BL-C(2)® BL-C(2) is a spherical powder that began as a military powder used in the 7.62 NATO, commonly known as the 308 Winchester. When it was first introduced to the handloader, benchrest shooters and other target shooters made it an instant success. BL-C(2) works extremely well in the 223 Remington, 17 Remington, 22 PPC and or course, the 308 Winchester, plus many more.

H380® H380 was an unnamed spherical rifle propellant when the late Bruce Hodgdon first used it. When a 38.0 grain charge behind a 52 grain bullet gave one hole groups from his 22 caliber Wildcat (now called 22-250), he appropriately named the powder H380. H380 is also a superb performer in the 220 Swift, 243, 257 Roberts and other fine varmint cartridges.

H414® This spherical powder gives excellent results in a wide range of uses, from the 22-250 Remington to the 375 H&H. It is simply ideal in the 30-06. As with all of our spherical powders, it delivers incredibly consistent charge weights through nearly any type of powder measure. H414 yields similar results to H4350 in most cartridges, although charge weights will vary.

H4350™ The burning speed of this Extreme Extruded propellant has been known to shooters for decades. Over time, Hodgdon has modernized H4350 by shortening the grains for improved metering and making it insensitive to hot/cold temperatures. H4350 is great in cartridges such as the 243 Winchester, 6mm Remington, 270 Winchester, 338 Winchester Magnum and many more. For magnums with light to moderate weight bullets, it can't be beat!

HYBRID 100V™ This excellent new product is the result of combining the technologies of spherical powders and extruded propellants. The chemistry of a spherical powder is combined with the geometry of an extruded propellant, creating a smooth-metering, super short granule extruded shaped propellant with high energy. HYBRID 100V has a burn speed between H4350 and H4831, yielding superb performance in such popular calibers as 270 Winchester, 243 Winchester Super Short Magnum, 7mm Remington Magnum, 300 Winchester Magnum and dozens more.

H4831® It is probably safe to say more big game has been taken with H4831 than any other powder. Bruce Hodgdon was the first supplier to introduce this popular burning rate in 1950. Since that time, it has become a favorite for cartridges like the 270 Winchester, 25-06 Remington, 280 Remington and 300 Winchester Magnum. As an Extreme Extruded propellant it shares the fine quality of insensitivity to hot/cold temperatures, as well as superb uniformity from lot to lot.

H4831SC® Ballistically, this Extreme Extruded powder is the exact copy of H4831. Physically, it has a shorter grain size, therefore, the designation SC, or short cut. The shorter, more compact kernels allow the powder to flow through powder measures more smoothly, helping to alleviate the constant cutting of granules. With the smoother flow characteristics comes more uniform charge weights while the individual grains orient more compactly, creating better loading density.

H1000® This very slow burning Extreme Extruded powder is perfect for highly over-bored magnums like the 7mm Remington Magnum, 7mm STW and the 30-378 Weatherby. In addition, with heavy bullets, H1000 gives top velocity and performance in such cartridges as the 6mm-284, 257 Weatherby, 270 Winchester, and 300 Winchester Magnum. In a short period of time this powder has achieved considerable notoriety among long range match shooters.

RETUMBO® This magnum powder was designed expressly for the really large over-bored cartridges such as the 7mm Remington Ultra Magnum, 300 Remington Ultra Magnum, 30-378 Weatherby Magnum, etc. RETUMBO adds 40-100 fps more velocity to these cartridges when compared to other normal magnum powders. In addition, it is an Extreme Powder, making it perfect for big game hunting under all types of conditions.

US869® This spherical powder is superb with heavy bullets in big, over-bore, magnum rifle cartridges. Because it is very dense, it allows the shooter to use enough powder to create true magnum loads. US869 is also used in the 50 caliber BMG, where it yields high velocity and great accuracy with 750 and 800 grain projectiles. A truly great 1000-yard competition propellant.

H50BMG™ As the name implies, this new generation Extreme Extruded rifle propellant is a clean burning powder designed expressly for the 50 caliber BMG cartridge. Because it shares the same technology as VARGET, H50 BMG displays a high degree of thermal stability in temperature extremes. Tests have conclusively proven that H50BMG yields very low extreme spreads in velocity and pressure. All this translates into small groups at extended ranges!

HODGDON®

THE BRAND THAT'S TRUE

HODGDON EXTREME POWDER™

In the shooting world there are two kinds of people. Those who like to plink around, with little or no regard to accuracy and consistency. And then there are those who take the discipline of shooting to a whole new extreme. Shooters, not unlike yourself, who sense changes in performance with changes in the weather. People who recognize lot differences in certain powders with a single pull of the trigger. For those discriminating few, Hodgdon is proud to offer the Extreme Series.This exclusive line of extruded powders was developed with extreme conditions in mind. They're manufactured so you can't tell the difference in performance from one lot to the next. And whether you're hunting deer in the dead of winter or prairie dogs in the middle of July, you'll get the same consistent performance, load after load. Some would say our obsession with performance is a bit extreme. We couldn't agree more.

TEMPERATURE EXTREMES

You live in the "real" world, where 12 point bucks are rare and it's never 70° when you decide to fire your rifle. Where you shoot it's either freezing cold or burning hot. Not exactly ideal conditions for your rifle, or you for that matter. Fortunately, Hodgdon's Extreme powders perform just as well at 125° as they do at 0°. Using an exclusive extrusion process and exacting quality standards, Hodgdon has created a line of propellants that performs better at hot and cold temperatures than any other powder on the market. So when you sight in your rifle this summer, you can count on unbeatable accuracy this winter.

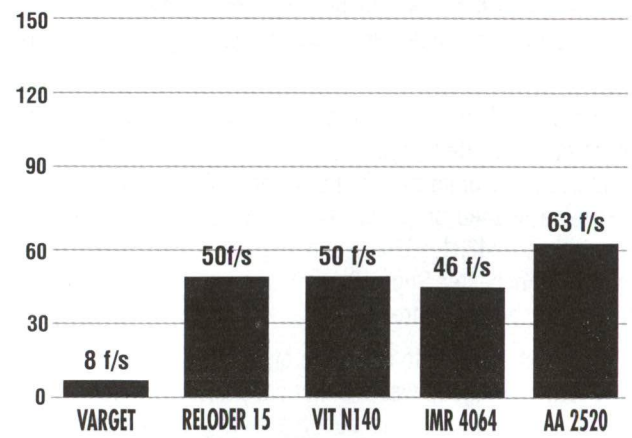
LOT CONSISTENCY

Hodgdon goes through painstaking measures to ensure that all powder is consistent from lot to lot. And while the casual user may never notice, you certainly will. No matter when you purchase Hodgdon powder, you can feel confident that the performance you receive from one lot will match that of another.

SHORT GRAIN METERING

With Hodgdon Extreme powders you get the best of both worlds. On one hand you get extruded performance that outperforms the best long grain powders on the market in any kind of weather. On the other, the shorter grains produced in the extrusion process meter extremely well. That means you can use Extreme powders in progressive loaders for high volume loading. Whether you're loading for targets, big game, plinking or varmints, Hodgdon has an extruded powder that will work for you.

EXTREME VELOCITY SPREAD
FOR TEMPERATURES BETWEEN 0°-125°



CARTRIDGE	308 Win.
CASE	W-W
PRIMER	WLR
BULLET	168 gr. Sierra BTHP

HODGDON®
THE BRAND THAT'S TRUE

Rifle Usage

	Target	Silhouette	Light	Medium	Magnum	50 Cal.
Lil' Gun			X			
H4227			X			
H4198	X		X			
H322	X	X	X	X		
Benchmark	X	X	X	X		
H335	X	X	X	X		
H4895	X	X	X	X		
Varget	X	X	X	X		
BL-C(2)	X	X	X	X		
H380		X				
H414		X		X		
H4350		X		X	X	
Hybrid 100V		X		X	X	
H4831				X	X	
H4831 SC				X	X	
H1000				X	X	
Retumbo					X	
US869					X	X
H50BMG					X	X

Shotgun Usage

	Target				Light Field					Heavy Field					
	12 GA	20 GA	28 GA	410 BORE	12 GA	16 GA	20 GA	28 GA	410 BORE	10 GA	12 GA	16 GA	20 GA	28 GA	410 BORE
Clays	X				X										
Titewad	X				X										
International	X	X			X		X								
Titegroup	X				X										
Universal	X	X	X		X	X	X	X							
HS-6			X			X	X	X			X				
Longshot	X	X	X							X	X	X	X	X	
Lil' Gun				X					X					X	X
H110				X					X						X

Pistol Usage

	Target	Light Duty	Medium Duty	Magnum
Clays	X	X		
Titegroup	X	X		
Universal	X	X	X	
HP-38	X	X	X	
HS-6		X	X	
Lil' Gun			X	X
H110			X	X
H4227			X	X

IMR®

LEGENDARY POWDERS

Pistol & Shotgun Powders

In Order of Approximate Burning Rate

Hi-Skor 700-X™ This extruded flake powder is ideally suited for shotshells in 12 and 16 gauge where clay target and light field loads are the norm. It doubles as an excellent pistol target powder for such cartridges as the 38 Special and 45 ACP and many more.

TRAIL BOSS® Trail Boss was designed specifically for low velocity lead bullets suitable for Cowboy Action shooting. It is primarily a pistol powder but has some application in rifles. It is based on a whole new technology that allows very high loading density, good flow through powder measures, stability in severe temperature variation, and, most importantly, additional safety to the handloader.

PB™ PB is great for Trap, Skeet, and Sporting Clays where heavy 1 ounce and 1-1/8 ounce loads are needed. In pistol it yields top performance in target and plinking loads for such cartridges as the 40 S&W, 45 Auto, etc. The small extruded grains deliver metering that is always super uniform.

SR7625® SR7625 covers the wide range of shotshells from 10 gauge to 28 gauge in both target and field loadings. The versatile powder is equally useful in a large array of handgun cartridges for target, self-defense, and hunting loads.

Hi-Skor 800-X™ This large-grained flake powder is at its best when used in heavy field loads from 10 gauge to 28 gauge. In handgun cartridges 800-X performs superbly in cartridges like the 10mm auto and 44 Remington Magnum. Excellent velocity and uniformity translate into top accuracy.

SR 4756™ This fine-grained, easy-metering propellant has long been a favorite of upland and waterfowl handloaders. Top velocities with great patterns are legendary. Like 800-X, SR 4756 performs extremely well in the big handgun cartridges. Always a top choice.

SR 4759™ This bulky powder really shines as a reduced load propellant for rifle cartridges. Its large grain size gives good loading density for reduced loads, enhancing velocity uniformity.

IMR 4227™ This is the Magnum Pistol Powder in the IMR lineup. If it says Magnum, IMR 4227 is the choice for true magnum velocities and performance. In rifles this powder delivers excellent velocity and accuracy in such cartridges as the 22 Hornet and 221 Fireball.

Rifle Powders

In Order of Approximate Burning Rate

IMR4198™ This fast burning rifle powder gives outstanding performance in cartridges like the 222 Remington, 221 Fireball, 45-70, and 450 Marlin. Varmint shooters with small-bore cartridges love it. Proven metering and necessary elements were added to make it extremely insensitive to hot/cold temperatures. H4198 is outstanding in cartridges like the 222 Remington, 444 Marlin and 7.62 X 39.

IMR 3031™ A propellant with many uses, IMR3031 has long been a favorite of 308 Match shooters using 168-grain match bullets. It is equally effective in small-capacity varmint cartridges from 223 Remington to 22-250 Remington, and it's a great 30-30 Winchester powder.

IMR 4895™ Originally a military powder featured in the 30-06, IMR 4895 is extremely versatile. From the 17 Remington to the 243 Winchester to the 375 H&H Magnum, accuracy and performance are excellent. In addition, it is a longtime favorite of Match shooters.

IMR 4064® The most versatile propellant in the IMR line, used for 223 Remington, 22-250 Remington, 220 Swift, 6mm Remington, 243 Winchester Super Short Magnum, 308 Winchester, 338 Winchester Magnum, and the list goes on and on. Versatility with uniformity and accuracy.

IMR 4320™ Short granulation, easy metering, and perfect for the 223 Remington, 22-250 Remington, 250 Savage, and other medium burn rate cartridges. Long a top choice for the vintage 300 Savage cartridge as well.

IMR 4007 SSC™ Super Short granulated powder with a burn speed that falls between 4320 and 4350. Ideally suited for varmint cartridges like the 220 Swift, 22-250 Remington and 243 Winchester. Additionally, well suited for the venerable 30-06, the 300 Winchester Short Magnum, and the Super Short Magnums 243 and 25 Winchester.

IMR 4350™ The number one choice for the new short magnums, both Remington and Winchester versions. For magnums with light to medium bullet weights, IMR 4350 is the best choice.

IMR 4831™ Slightly slower in burn speed than IMR4350, IMR 4831 gives top velocities and performance with heavier bullets in medium-sized magnums.

IMR 7828™ The BIG magnum powder. This slow burner gives real magnum performance to the large over-bored magnums, such as the 300 Remington Ultra Magnum, the 30-378 Weatherby Magnum, and the 7mm Remington Ultra Magnum. This powder is highly regarded by most magnum afficionados.

IMR 7828SSC™ This magnum rifle powder has exactly the same burn rate as standard IMR 7828 and uses the same data. However, due to the super short kernels, metering is virtually as good as a spherical powder. This allows up to 4% more powder space in the case and in many loads yields more velocity than standard 7828. Such loads are marked with an asterisk in the data to show where standard 7828 will not fit.

IMR®
LEGENDARY POWDERS

Rifle Usage

	Target	Silhouette	Light	Medium	Magnum	50 Cal.
Trail Boss	X		X			
IMR4227			X			
SR4759			X			
IMR4198	X		X			
IMR3031	X	X	X	X		
IMR4895	X	X	X	X		
IMR4064	X	X	X	X		
IMR4320	X	X	X	X		
IMR4007SSC		X		X	X	
IMR4350		X		X	X	
IMR4831				X	X	
IMR7828				X	X	
IMR7828SSC				X	X	

Shotgun Usage

	Target				Light Field					Heavy Field					
	12 GA	20 GA	28 GA	410 BORE	12 GA	16 GA	20 GA	28 GA	410 BORE	10 GA	12 GA	16 GA	20 GA	28 GA	410 BORE
Hi-Skor 700-X	X				X	X									
Hi-Skor 800-X	X	X	X		X	X	X	X		X	X	X	X	X	
PB	X	X			X	X	X				X	X	X		
SR7625	X	X	X		X	X	X	X		X	X	X	X		
SR4756		X	X		X	X	X	X		X	X	X	X		
IMR 4227				X					X						X

Pistol Usage

	Target	Light Duty	Medium Duty	Magnum
Hi-Skor 700-X	X	X		
Trail Boss	X	X		
Hi-Skor 800-X	X	X	X	
PB	X	X		
SR7625	X	X		
SR4756	X	X		
SR4759			X	X
IMR 4227			X	X

WINCHESTER®
SMOKELESS PROPELLANTS
FOR LOADING PROFESSIONALS

Pistol & Shotgun Powders

In Order of Approximate Burning Rate

WAALITE™ Superb 12 gauge spherical powder, designed for clean burning, reduced velocity loads for 7/8 oz., 1 oz. and 1-1/8 oz. loadings. This is the same powder used in Winchester's 26 gram, 980 fps, featherlight load. For 7/8, 1 and 1-1/8 ounce loads, we produced data from 970 to 1145 fps, perfect for ladies, new shooters or shooters who are recoil sensitive.

WST® The choice for 12 gauge AA duplicate handloads and standard velocity handgun loads. Ideal for use in 45 Auto match applications. Consistent, clean, low flash and smoke are benefits to the shooter.

231® One of the most popular reload propellants, 231 is a pistol powder ideally suited to the 38 Special, 45 Auto, and 9mm standard loads. Consistency, clean burning, low flash, and a broad range of applications make this a powder of choice for any pistol cartridge reloader.

SUPER HANDICAP™ Super Handicap is the same propellant used in Winchester's Super Handicap ammunition. This slow-burning, high energy propellant gives the shooter great handicap or long range sporting clays loads at up to 1250 fps with a 1-1/8 ounce shot charge. Great velocity with excellent patterns!

AutoComp™ AutoComp is a new high performance powder optimized for semi-auto pistol competition and self defense. It yields faster split times with improved compensator gas volume in calibers like 9mm Luger, 40 S&W, 38 Super and 45 ACP. All this with less muzzle flash and clean burning!

WSF® Super-Field propellant is the propellant of choice for Winchester 20 gauge AA Target loads. WSF is an ideal choice to maximize velocities in 12 gauge 1-1/8 ounce and 1-1/4 ounce loads. Super-Field also performs well in 38 Super, 9mm, and 40 S&W pistol loads. Excellent propellant for action pistol applications.

296® This propellant was developed for Winchester factory-loaded ammunition for 357 Magnum, 444 Magnum, and 410 Bore. Its high loading density provides optimal velocity. 296 is recommended by Winchester for 410 Bore AA loads.

Rifle Powders

In Order of Approximate Burning Rate

748® 748 is the powder of choice for 223 Remington ammunition. The low flame temperature of 748 extends barrel life compared to other similar speed powders. It is ideal for a wide variety of centerfire rifle loads, including 222 Remington, 30-30 Winchester, 308 Winchester, and up to 485 Winchester Magnum.

760® Combine Winchester components with 760 to duplicate 30-06 Springfield factory load ballistics. 760 has ideal flow characteristics that give it an advantage over other propellants with similar burn rates. 760 is recommended as an excellent choice for 22-250 Remington, 300 Winchester Magnum, as well as 300 WSM.

SUPREME 780™ Supreme 780 is a magnum, spherical powder that is used in many of Winchester's factory cartridges. To name a few, it is loaded in 243 Winchester, 270 Winchester and 300 Winchester Magnum. Smooth metering, excellent accuracy and top velocities make this the premier medium to magnum spherical powder for reloading.

WINCHESTER.
SMOKELESS PROPELLANTS
FOR LOADING PROFESSIONALS

Rifle Usage

	Target	Silhouette	Light	Medium	Magnum	50 Cal.
748	X	X	X	X		
760		X	X	X	X	
Supreme 780		X		X	X	

Pistol Usage

	Target	Light Duty	Medium Duty	Magnum
WST	X	X		
231	X	X	X	
Auto Comp	X	X	X	
WSF	X	X		
296			X	X

Shotgun Usage

	Target				Light Field					Heavy Field					
	12 GA	20 GA	28 GA	410 BORE	12 GA	16 GA	20 GA	28 GA	410 BORE	10 GA	12 GA	16 GA	20 GA	28 GA	410 BORE
WAALITE	X				X										
WST	X				X										
Super Handicap	X				X										
WSF	X	X			X	X					X				
296				X					X						X

Relative Burn Rate
From Fastest to Slowest

1 NORMA R1
2 Winchester WAALite
3 Vihtavouri N310
4 Alliant e3
5 Hodgdon TITEWAD
6 Alliant Red Dot
7 Hodgdon CLAYS
8 IMR Hi-Skor 700-X
9 Alliant Bullseye
10 Winchester WST
11 Hodgdon TITEGROUP
12 Alliant American Select
13 Accurate Arms Solo 1000
14 Alliant Green Dot
15 IMR Trail Boss
16 Winchester Super Handicap
17 Hodgdon INTERNATIONAL
18 IMR PB
19 Vihtavouri N320
20 Accurate Arms No. 2
21 IMR SR 7625
22 Hodgdon HP-38
23 Winchester 231
24 Alliant 20/28
25 Alliant Power Pistol
26 Alliant Unique
27 Hodgdon UNIVERSAL
28 Alliant Herco
29 Winchester WSF
30 Vihtavouri N340
31 IMR Hi-Skor 800-X
32 IMR SR4756
33 Accurate Arms No. 5
34 Hodgdon HS-6
35 Winchester, AutoComp
36 Vihtavouri 3N37
37 Vihtavouri N350
38 Vihtavouri 3N38
39 Alliant Blue Dot
40 Accurate Arms No. 7
41 Hodgdon LONGSHOT
42 Alliant 410
43 Alliant 2400
44 Accurate Arms No. 9
45 NORMA R123
46 Vihtavouri N110
47 Hodgdon LIL' GUN
48 Hodgdon H110
49 Winchester 296
50 IMR 4227
51 Hodgdon H4227
52 IMR SR4759
53 Accurate Arms 1680
54 NORMA 200
55 Alliant Reloder 7
56 IMR 4198
57 Hodgdon H4198
58 Vihtavouri N120
59 Hodgdon H322
60 Accurate Arms 2015BR
61 Vihtavouri N130
62 IMR 3031
63 Vihtavouri N133
64 Hodgdon BENCHMARK
65 Hodgdon H335
66 Accurate Arms 2230
67 Accurate Arms 2460
68 Hodgdon H4895
69 Vihtavouri N530
70 IMR 4895
71 Vihtavouri N135
72 Alliant Reloder 12
73 IMR 4320
74 Accurate Arms 2495BR
75 IMR 4064
76 NORMA 202
77 Accurate Arms 2520
78 Alliant Reloder 15
79 Vihtavouri N140
80 Hodgdon VARGET
81 Winchester 748
82 Hodgdon BL-C(2)
83 Hodgdon H380
84 IMR 4007SSC
85 Vihtavouri N540
86 Winchester 760
87 Hodgdon H414
88 Vihtavouri N150
89 Accurate Arms 4350
90 Accurate Arms 2700
91 IMR 4350
92 Hodgdon H4350
93 NORMA 204
94 Hodgdon HYBRID 100V
95 Vihtavouri N550
96 Alliant Reloder 19
97 IMR 4831
98 Accurate Arms 3100
99 Vihtavouri N160
100 Hodgdon H4831 & H4831SC
101 Winchester Supreme 780
102 NORMA MRP
103 Alliant Reloder 22
104 Vihtavouri N560
105 Vihtavouri N165
106 IMR 7828
107 Vihtavouri N170
108 Hodgdon H1000
109 Hodgdon RETUMBO
110 Vihtavouri N570
111 Accurate Arms 8700
112 Hodgdon H870
113 Vihtavouri 24N41
114 Hodgdon H50BMG
115 Hodgdon US869
116 Vihtavouri 20N29

Properties

Smokeless powders, or propellants, are essentially mixtures of chemicals designed to burn under controlled conditions at the proper rate to propel a projectile from a gun.

Smokeless powders are made in three forms:

1. Thin, circular flakes or wafers
2. Small cylinders
3. Small spheres

Single-base smokeless powders derive their main source of energy from nitrocellulose.

The energy released from double-base smokeless powders is derived from both nitrocellulose and nitroglycerin.

All smokeless powders are extremely flammable; by design, they are intended to burn rapidly and vigorously when ignited.

Oxygen from the air is not necessary for the combustion of smokeless powders since they contain sufficient built-in oxygen to burn completely, even in an enclosed space such as the chamber of a firearm.

In effect, ignition occurs when the powder granules are heated above their ignition temperature. This can occur by exposing powder to:

1. A flame such as a match or primer flash.
2. An electrical spark or the sparks from welding, grinding, etc.
3. Heat from an electric hot plate or a fire directed against or near a closed container even if the powder itself is not exposed to the flame.

When smokeless powder burns, a great deal of gas at high temperature is formed. If the powder is confined, this gas will create pressure in the surrounding structure. The rate of gas generation is such, however, that the pressure can be kept at a low level if sufficient space is available or if the gas can escape.

In this respect smokeless powder differs from blasting agents or high explosives such as dynamite or blasting gelatin, although smokeless powder may contain chemical ingredients common to some of these products.

High explosives such as dynamite are made to detonate, that is, to change from solid state to gaseous state with evolution of intense heat at such a rapid rate that shock waves are propagated through any medium in contact with them. Such shock waves exert pressure on anything they contact, and, as a matter of practical consideration, it is almost impossible to satisfactorily vent away the effects of a detonation involving any appreciable quantity of dynamite.

Smokeless powder differs considerably in its burning characteristics from common "black powder."

Black powder burns essentially at the same rate out in the open (unconfined) as when in a gun.

When ignited in an unconfined state, smokeless powder burns inefficiently with an orange-colored flame. It produces a considerable amount of light brown noxious smelling smoke. It leaves a residue of ash and partially burned powder. The flame is hot enough to cause severe burns.

The opposite is true when it burns under pressure as in a cartridge fired in a gun. Then it produces very little smoke, a small glow, and leaves very little or no residue. The burning rate of smokeless powder increases with increased pressure.

If burning smokeless powder is confined, gas pressure will rise and eventually can cause the container to burst. Under such circumstances, the bursting of a strong container creates effects similar to an explosion.

How to check for deterioration

Although modern smokeless powders are basically free from deterioration under proper storage conditions, safe practices require a recognition of the signs of deterioration and its possible effects.

Powder deterioration can be checked by opening the cap on the container and smelling the contents. Powder undergoing deterioration has an irritating acidic odor. (Don't confuse this with common solvent odors such as alcohol, ether and acetone.)

Check to make certain that powder is not exposed to extreme heat as this may cause deterioration. Such exposure produces an acidity which accelerates further reaction and has been known, because of the heat generated by the reaction, to cause spontaneous combustion.

Never salvage powder from old cartridges and do not attempt to blend salvaged powder with new powder. Don't accumulate old powder stocks.

The best way to dispose of deteriorated smokeless powder is to burn it out in the open at an isolated location in small shallow piles (not over 1" deep). The quantity burned in any one pile should never exceed one pound. Use an ignition train of slow burning combustible material so that the person may retreat to a safe distance before powder is ignited. For more instructions call Hodgdon Powder.

Consideration for Storage

Smokeless powder is intended to function by burning, so it must be protected against accidental exposure to flame, sparks or high temperatures.

For these reasons, it is desirable that storage enclosures be made of insulating materials to protect the powder from external heat sources.

Once smokeless powder begins to burn, it will normally continue to burn (and generate gas pressure) until it is consumed.

D.O.T. approved containers are constructed to open up at low internal pressures to avoid the effects normally produced by the rupture or bursting of a strong container.

Storage enclosures for smokeless powder should be constructed in a similar manner:

1. Of fire-resistant and heat-insulating materials to protect contents from external heat.
2. Sufficiently large to satisfactorily vent the gaseous products of combustion which would result if the quantity of smokeless powder within the enclosure accidentally ignited.

If a small, tightly enclosed storage enclosure is loaded to capacity with containers of smokeless powder, the walls of the enclosure will expand or move outwards to release the gas pressure – if the powder in storage is accidentally ignited.

Under such conditions, the effects of the release of gas pressure are similar or identical to the effects produced by an explosion.

Hence only the smallest practical quantities of smokeless powder should be kept in storage, and then in strict compliance with all applicable regulations and recommendations of the National Fire Protection Association.

14.3 Smokeless Propellants

14.3.1 Quantities of smokeless propellants not exceeding 11.3 kg (25 lb) in shipping containers approved by the U.S. Department of Transportation shall be permitted to be transported in a private vehicle.

14.3.2 Quantities of smokeless propellants exceedin 11.3 kg (25 lb), but not exceeding 22.7 kg (50 lb), transported in a private vehicle shall be transported in a portable magazine having wood walls of at least 25.4 mm (1 in.) nominal thickness.

14.3.3 Transportation of more than 22.7 kg (50 lb) of smokeless propellants in a private vehicle shall be prohibited.

14.3.4 Commercial shipments of smokeless propellants for small arms that has been classed in Division 1.3 shall be permitted to be reclassed as Division 4.1 flammable solid for transportation purposes for shipment by motor vehicle, rail car, vessel, or cargo-only aircraft, subject to the conditions stated in the U.S. Departmant of Transportation 49 CFR 173.171.

14.3.5 Commercial shipments of smokeless propellants exceeding 45.4 kg (100 lb) or not packaged in accordance with the regulations cited in 14.3.4 shall be transported in accordance with the U.S. Department of Transportation regulations for Division 1.1 or 1.3 explosives.

14.3.6 Smokeless propellants shall be stored n shipping containers specified by U.S. Department of Transportation "Hazardous Materials Regulations."

14.3.7 Quantities

14.3.7.1 Smokeless propellants intended for personal use in quantities not exceeding 9.1 kg (20 lb) shall be permitted to be stored in original containers in residences.

14.3.7.2 Quantites exceeding 9.1 kg (20 lb), but not exceeding 22.7 kg (50 lb), shall be permitted to be stored in residences where kept in a wooden box or cabinet having walls of a t least 25.4 mm (1 in.) nominal thickness.

14.3.8 Not more than 22.7 kg (50 lb) of smokeless propellants, in containers of a 0.45 kg (1 lb) maximum capacity, shall be displayed in commercial establishments.

14.3.9 Commercial stocks of smokeless propellants shall be stored as follows:

(1) Quantities exceeding 22.7 kg (50 lb), but not exceeding 45.4 kg (100 lb), shall be stored in portable wooden boxes having walls of at least a 25.4 mm (1 in) thickness.

(2) Quantities exceeding 45.4 kg (100 lb), but not exceeding 363 kg (800 lb), shall be stored in nonportable storage cabinets having walls of at least 25.4 mm (1 in) thickness.

(3) Not more than 181 kg (400 lb) shall be permitted to be stored in any one cabinet, and cab inets shall be separated by a distance of at least 7.63 m (25 ft) or by a fire partition having a fire resistance of at least 1 hour.

(4) Quantities exceeding 363 kg (800 lb) but not exceeding 2268 kg (5000 lb) shall be permitted to be stored in a building, provided the following requirements are met:

(a) The warehouse or storage room shall not be accessible to unauthorized personnel.

(b) Smokeless propellants shall be stored in nonportable storage cabinets having wood walls of at least 25.4 mm (1 in.) thickness and having shelves with no more that 0.92 m (3 ft) of separation bebween shelves.

(c) No more than 181 kg (400 lb) shall be stored in any one cabinet.

(d) Cabinets shall be located against the walls of the stroage room or warehouse with at least 12.2 m (40 ft) between cabinets.

(e) The separation between cabinets shall be permitted to be reduced to 6.1 m (20 ft) where barricades twice the height of the cabinets are attached to the wall, midway between each cabinet.

(f) The barricades shall extend at least 3 m (10 ft) outward, shall be firmly attached to the wall, and shall be constructed of 6.4 mm (1/4 in) boiler plate, 51 mm (2 in.) thick wood, brick, or concrete block.

(g) Smokeless propellants shall be separated from materials classified by the U.S. DOT as flammable liquids, flammable solids, and oxidizing materials by a distance of 7.63 m (25 ft) or by a fire partition having a fire resistance of at least 1 hour.

(h) The building shall be protected by an automatic sprinkler system installed in accordance with NFPA 13, *Standard for the Installation of Sprinkler Systems.*

(5) Smokeless propellants not stored in accordance with 14.3.9(1) through 14.3.9(4) shall be stored in a Type 4 magazine constructed and located in accordance with Chapter 9.

Warnings

- Ballistic data shown in this manual was obtained under strictly controlled laboratory conditions.
- For all powders use only the components shown. If the reloader makes any changes in components or gets new lot numbers, he should begin again with the starting loads and work up to maximum cautiously.
- Ballistic data varies considerably depending on many factors, including components used, how such components are assembled, the type of firearm used, and the reloading techniques and safety precautions utilized by the individual.
- Hodgdon Powder Company disclaims any warranties with respect to any and all products sold or distributed by it, the safety or suitability thereof, or the results obtained, whether express or implied, including without limitation, any implied warranty of merchantability or fitness for a particular purpose and/or any other warranty.
- The individual assumes the risk of safe loading practices. Failure to do so or violation of any of these warnings could result in severe personal injury (including death) or gun damage to the user or bystanders.
- Use flat point bullets in tubular magazines.
- For those loads listed where a starting load is not shown, start 10% below the suggested maximum load and then approach maximums carefully, watching for any sign of pressure (difficult extraction, cratered and flattened or blown primers, and unusual recoil).
- No data shown in the lead shot data section should be used with steel, bismuth, or other non-toxic shot.
- Never substitute components (except where indicated) when loading shotshells using this data. Substitution of different components could cause excessive or dangerous pressures, which could damage or destroy your firearm or cause serious personal injury or even death to the user and/or bystanders.
- Since Hodgdon Powder Company has no control over variations in components, reloading tools or reloader's procedures, the indivual is solely responsible for any changes in ballistics that may occur using this data.
- Never exceed the charge recommendations listed in this data.
- Never mix any two powders regardless of type, brand or source.
- Never substitute any smokeless powder for black powder, for Pyrodex®, Triple Seven®, or other black powder substitute.
- Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries (including death), losses, or damages to persons or property (including consequential damages), arising from the use of any product or data, whether or not occasioned by seller's negligence or based on strict product liability or principles of indemnity or contribution. Hodgdon neither assumes nor authorizes any person to assume for it any liability in conjunction with the use of any product or data.
- Use this data with Hodgdon, IMR, and Winchester powders only.

Warnings

- 40 S&W: This data is intended for use in firearms with barrels which fully support the cartridge in the chamber. Use of this data in firearms which do not fully support the cartridge may result in bulged cases, ruptured cases, case head separation, or other conditions which may result in damage to the firearm and/or result in injury or death of the shooter and/or bystanders. Check with your firearm manufacturer if in doubt.
- After choosing an appropriate load, be sure to weigh actual charges thrown by a bushing or charge bar. No bushing or charge bar throws the exact charge as listed in the tables. Such changes occur because of small tolerances in bushing sizes, tolerances in bulk density of powder, and the way each loader is mounted and operated. It is important to verify weights for safety and to insure getting the type load you want.
- Trail Boss® was designed to work in specific charge weight ranges. Do not use charges less than the starting load shown, nor greater than the maximum shown.
- Damascus barrels should be considered unsafe with any powder.
- H110 and W296 loads should not be reduced more than 3% due to inconsistency of velocity at the lower pressure.

RIFLE AND PISTOL data

This Reloading Data is presented in a format to make it easy to find the intended load information. The sequence of the data is:

3. Caliber Name – smallest to largest
4. Shellcase Capacity – smallest to largest
5. Bullet Weight – lightest to heaviest
6. Powder Burn Rate – slowest to fastest burning

All the Rifle data is presented first, followed by the Pistol data which is in the same formatting sequence. There is a separate third section for smokeless Cowboy Action data.

Primarily, the data for this edition was developed through the use of pressure barrels. All loads for standard U.S. cartridges adhere to the guidelines provided by the Sporting Arms and Ammunition Manufacturers' Institute (S.A.A.M.I.). Maximum loads for wildcat cartridges and cartridges not covered by S.A.A.M.I. were obtained by visual case head signs such as flat or cratered primers, difficult extraction and measured case heads.

Pressures were gauged by one of two methods, mechanically with Copper Units of Pressure (CUP), or electronically with a transducer as Pounds per Square Inch (PSI). CUP is determined by using a copper slug called a "crusher." The crusher is placed in a fixture over the chamber where a hole passes through the barrel to the chamber. When the cartridge is fired, gases swell and cause the crusher to flatten. The results are compared to a Tarage Table and converted to pressure in CUP. The electronic method utilizes a force transducer, which rests against the cartridge in the chamber. When the cartridge is fired, the gases cause the brass to expand against the force transducer and the results are measured in pounds per square inch (PSI) The two systems do not provide the same maximum number for each cartridge, so no correlation can be made between systems. However, each cartridge has a standard for both systems, and therefore, actual maximums are physically the same.

When working up a load, the reloader should always begin with the starting load, advance in small increments, watch for pressure signs and begin again if changing components. Generally, the best powder choice is the one which most nearly fills the case for the intended velocity. Most cartridges have only a certain number of appropriate powders. Those cartridges that are more versatile can use a wider range of burning speeds. For others, lesser numbers of propellants will give optimum results.

Most often, slower burning powders are more suitable with heavy bullets, while faster powders are better with lighter bullets. Of course, most reloaders like a powder that delivers near-maximum or maximum results throughout the range of bullets, but that is not always obtainable, since some cartridges (like the 30-06) have too wide a range of bullets for any one burning rate to be ideal.

The reloader that seriously loads for any given rifle/pistol will choose different components (primers, powders, bullets, cases) in varying combinations to obtain the best overall performance and accuracy. After all, the reloader reloads to save money, but he also reloads to improve accuracy and performance, creating special loads he cannot find on the dealers' shelves.

Brands

BAR	Barnes
BTB	Beartooth Bullets
BERB	Berry's Bullets
BER	Berger
BLX	Bull-X
CPB	Cast Performance Bullets
FA	Freedom Arms
HDY	Hornady
LY	Lyman
MEI	Meister
NOS	Nosler
REM	Remington
SIE	Sierra
SFT	Swift
SPR	Speer
WDLGH	Woodleigh
WIN	Winchester

Data

C	Compressed Powder Charge

Primers

LR	Large Rifle
LRM	Large Rifle Magnum
SR	Small Rifle
SRM	Small Rifle Magnum
LP	Large Pistol
LPM	Large Pistol Magnum
SP	Small Pistol
SPM	Small Pistol Magnum

Bullets

AB	Accu-Bond
A-Max	Hornady Match
BK	Blitz King
BR	Bench Rest
BT	Ballistic Tip
BTSP	Boat Tail Spire Point
FMC	Full Metal Case
FMJ	Full Metal Jacket
FMJBT	Full Metal Jacket Boat Tail
FN	Flat Nose
FP	Flat Point
FPJ	Full Plated Jacket
FS	Fail Safe
GC	Gas Check
GDHP	Gold Dot Hollow Point
GDSP	Gold Dot Soft Point
GS	Grand Slam
HB	Hollow Base
HC	Hollow Cavity
HP	Hollow Point
HPBT	Hollow Point Boat Tail
HSP	Hollow Soft Point
IB	Inter Bond
JFP	Jacketed Flat Point
JHC	Jacketed Hollow Cavity
JRN	Jacketed Round Nose
JSP	Jacketed Soft Point
JSWC	Jacketed Semi-Wadcutter
LBBWC	Lead Bevel Base Wadcutter
LCN	Lead Conical Nose
LFN	Lead Flat Nose
LFNPB	Lead Flat Nose Plain Base
LFP	Lead Flat Point
LHBWC	Lead Hollow Base Wadcutter
LRN	Lead Round Nose
LSWC	Lead Semi-Wadcutter
MC	Metal Case
MK	Match King
MRX	Maximum Range X Bullet
MT-SP	Mag Tip Soft Point
PART	Partition
PSPCL	Pointed Soft Point "Core-Lokt"
RN	Round Nose
SB	Solid Base
SBP	Spitzer Boat Tail
SCIR	Scirocco
SJ	Short Jacket
SMP	Semi-Pointed
SP	Soft Point, Spitzer, Spire Point
SPBT	Soft Point Boat Tail
SSP	Single Shot Pistol
SST	Super Shock Tip
ST	Silvertip
SX	Super Explosive
TMJ	Totally Metal Jacket
TNT	Varmint Bullet
TSX	Triple Shock X Bullet
V-MAX	Varmint Express
WC	Wadcutter
W/GC	With Gas Check
X	X Bullet
XBT	X Boat Tail
XBTC	X Boat Tail Coated
XFB	X Flat Base
XPB	X Pistol Bullet
XTP	Extreme Terminal Performance

*Max loads that show an asterik following the "C" for compressed load will not fit with standard 7828. Reduce by 4%.

17 REMINGTON FIREBALL
BBL: 24" — CASE: REMINGTON — PR: REMINGTON 7 1/2

BULLET	POWDER	GR	VEL	CUP
20 GR. HDY V-MAX				**COL: 1.830"**
	H335	20.5	4027	50,000 CUP
	Benchmark	20.0C	4013	49,100 CUP
	H322	19.5C	4019	49,200 CUP
	IMR 4198	16.7	4017	50,600 CUP
	H4198	17.3	4037	47,800 CUP
25 GR. HDY HP				**COL: 1.800"**
	H335	19.4	3744	50,400 CUP
	Benchmark	19.0	3745	48,500 CUP
	H322	18.3	3704	48,900 CUP
	IMR 4198	16.2	3692	50,000 CUP
	H4198	17.0	3789	49,900 CUP
30 GR. BER HP				**COL: 1.800"**
	H335	18.8	3512	49,000 CUP
	Benchmark	18.7C	3569	49,400 CUP
	H322	18.0	3533	49,300 CUP
	IMR 4198	15.8	3456	49,000 CUP
	H4198	15.9	3481	50,400 CUP

204 RUGER
BBL: 24" — CASE: HORNADY — PR: FEDERAL 205M

BULLET	POWDER	GR	VEL	CUP
32 GR. HDY V-MAX				**COL: 2.250"**
	Varget	29.0C	3798	47,400 PSI
	BL-C(2)	30.7	4081	55,500 PSI
	IMR 4895	29.0C	3949	51,900 PSI
	H335	28.3	4044	54,800 PSI
	H4895	29.0C	3980	51,100 PSI
	Benchmark	28.0	4047	57,100 PSI
	H322	27.5	4030	56,400 PSI
	IMR 4198	23.5	4006	55,400 PSI
35 GR. BER HP				**COL: 2.240"**
	Varget	29.0C	3812	53,100 PSI
	IMR 4064	27.5C	3728	51,000 PSI
	BL-C(2)	30.7	3937	54,900 PSI
	IMR 4895	28.3C	3864	55,500 PSI
	H335	27.5	3915	56,600 PSI
	H4895	28.2C	3910	55,700 PSI
	IMR 3031	26.1C	3793	52,800 PSI
	Benchmark	26.6	3863	56,600 PSI
	H322	26.3	3828	55,400 PSI
40 GR. HDY V-MAX				**COL: 2.250"**
	Varget	28.1C	3647	55,100 PSI
	IMR 4064	27.5C	3616	52,000 PSI
	BL-C(2)	30.0	3774	56,200 PSI
	IMR 4895	27.8C	3695	56,000 PSI
	H335	26.8	3738	56,700 PSI
	H4895	27.7C	3741	56,000 PSI
	IMR 3031	25.6C	3694	56,600 PSI
	Benchmark	25.7	3646	55,400 PSI
	H322	25.1	3639	55,900 PSI

22 HORNET
BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER SR

BULLET	POWDER	GR	VEL	CUP
35 GR. HDY V-MAX				**COL: 1.725"**
	H4198	11.5C	2420	26,300 CUP
	H4227	11.6C	2896	42,500 CUP
	H110	12.3	3060	41,400 CUP
	Lil'Gun	13.0	2842	24,000 CUP
45 GR. HDY SP				**COL: 1.750"**
	IMR 4198	10.5C	2010	20,100 CUP
	H4198	11.5C	2400	32,000 CUP
	IMR 4227	9.8	2484	42,000 CUP
	SR 4759	8.0C	2000	24,700 CUP
	H110	10.4	2574	43,000 CUP
	Lil'Gun	13.0	2787	31,600 CUP

222 REMINGTON
BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER SR

BULLET	POWDER	GR	VEL	CUP
40 GR. SIE HP				**COL: 2.125"**
	H335	25.0	3371	44,600 CUP
	H4895	24.0C	3133	34,200 CUP
	Benchmark	25.0	3303	40,700 CUP
	H322	23.0	3313	44,000 CUP
	IMR 4198	21.2C	3583	48,700 PSI
	H4198	21.4	3480	45,700 CUP
	IMR 4227	16.0	3240	45,200 PSI
50 GR. HDY SP				**COL: 2.130"**
	Varget	25.0C	3114	40,600 CUP
	IMR 4320	25.0C	3100	47,600 PSI
	IMR 4064	23.5C	3065	46,200 PSI
	748	24.0	2980	38,000 CUP
	BL-C(2)	25.0	3000	38,600 CUP
	IMR 4895	24.0C	3106	47,400 PSI
	H335	23.6	3120	45,700 CUP
	H4895	23.8C	3022	36,500 CUP
	Benchmark	24.0	3168	45,800 CUP
	H322	22.2	3079	43,200 CUP
	IMR 4198	19.3	3152	49,000 PSI
	H4198	20.5	3160	44,200 CUP

223 REMINGTON
BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER SR

BULLET	POWDER	GR	VEL	CUP
40 GR. NOS BT				**COL: 2.280"**
	Varget	28.0C	3674	47,200 CUP
	IMR 4320	27.7C	3456	48,900 PSI
	BL-C(2)	28.5	3612	45,400 CUP
	IMR 4895	26.5C	3390	44,200 PSI
	H335	28.0	3572	44,600 CUP
	H4895	27.5C	3573	44,500 CUP
	IMR 3031	25.2C	3498	46,200 PSI
	Benchmark	27.3	3666	51,000 CUP
	H322	25.5	3574	48,000 CUP
	IMR 4198	22.2	3652	53,400 PSI
	H4198	22.5	3601	49,600 CUP
50 GR. SPR SP				**COL: 2.210"**
	Varget	27.5C	3383	44,800 CUP
	IMR 4320	27.5C	3270	48,900 PSI
	748	26.0	3200	40,000 CUP
	BL-C(2)	28.0	3428	47,100 CUP
	IMR 4895	26.7C	3211	45,200 PSI
	H335	26.0	3393	51,700 CUP
	H4895	27.5C	3468	51,300 CUP
	IMR 3031	25.0	3268	46,900 PSI
	Benchmark	26.5	3396	50,400 CUP
	H322	24.0	3301	49,300 CUP
	IMR 4198	21.9	3352	52,100 PSI
	H4198	21.5	3223	45,900 CUP
55 GR SPR SP				**COL: 2.200"**
	Varget	27.5C	3384	49,700 CUP
	IMR 4320	26.1C	3146	50,700 PSI
	IMR 4064	25.7C	3201	52,600 PSI
	748	26.3	3150	39,000 CUP
	BL-C(2)	27.5	3313	48,500 CUP
	IMR 4895	26.2C	3219	53,200 PSI
	H335	25.3	3203	49,300 CUP
	H4895	26.0	3315	49,000 CUP
	IMR 3031	24.6C	3233	52,500 PSI
	Benchmark	25.6	3264	50,000 CUP
	H322	23.0	3106	48,900 CUP
	IMR 4198	20.4	3122	53,600 PSI
	H4198	21.0	3150	47,600 CUP

22-250 REMINGTON
BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER LR

BULLET	POWDER	GR	VEL	CUP
40 GR. NOS BT				**COL: 2.350"**
	H414	41.0	3933	47,100 CUP
	760	41.0	3933	47,100 CUP
	IMR 4007 SSC	40.2C	3973	50,900 PSI
	H380	41.0	3855	39,200 CUP
	Varget	39.5	4135	51,100 CUP
	IMR 4320	39.5	4201	62,600 PSI
	IMR 4064	38.5C	4187	60,500 PSI
	IMR 4895	39.0C	4189	60,200 PSI
	H4895	37.0	4060	48,700 CUP
	IMR 3031	36.3	4224	62,100 PSI
	Benchmark	36.5	4114	50,100 CUP
50 GR. SIE SP				**COL: 2.350"**
	H4350	42.0	3579	48,900 CUP
	H414	40.0	3765	48,600 CUP
	760	40.0	3765	48,600 CUP
	IMR 4007 SSC	40.2C	3945	63,100 PSI
	H380	41.0	3742	45,300 CUP
	Varget	37.5	3834	50,400 CUP
	IMR 4320	38.0	3864	62,800 PSI
	IMR 4064	37.0	3866	61,900 PSI
	BL-C(2)	34.5	3740	48,400 CUP
	IMR 4895	37.6	3862	61,500 PSI
	H335	34.5	3753	48,700 CUP
	H4895	36.5	3827	50,200 CUP
	IMR 3031	35.0	3862	62,600 PSI
	Benchmark	36.0	3903	51,400 CUP
	H322	32.0	3628	50,300 CUP
55 GR. SPR SP				**COL: 2.350"**
	H4350	39.0	3490	47,800 CUP
	H414	39.0	3582	46,700 CUP
	760	39.0	3582	46,700 CUP
	IMR 4007 SSC	39.0	3786	62,300 PSI
	H380	41.0	3713	50,700 CUP
	Varget	36.5	3664	50,400 CUP
	IMR 4320	36.5	3689	62,200 PSI
	IMR 4064	36.3	3713	62,000 PSI
	BL-C(2)	34.0	3606	49,600 CUP
	IMR 4895	36.5	3725	62,400 PSI
	H335	33.0	3589	51,100 CUP
	H4895	35.5	3670	49,300 CUP
	IMR 3031	34.1	3691	62,500 PSI
	Benchmark	33.6	3674	50,200 CUP
	H322	30.0	3480	49,800 CUP
	Trail Boss	13.0	1984	26,600 PSI

220 SWIFT
BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER LR

BULLET	POWDER	GR	VEL	CUP
40 GR. SIE HP				**COL: 2.680"**
	H414	46.0	4213	51,600 CUP
	760	46.0	4213	51,600 CUP
	IMR 4007 SSC	45.0C	4122	49,400 CUP
	H380	44.0	4124	50,000 CUP
	Varget	40.5	4113	49,800 CUP
	IMR 4064	40.0	4110	51,400 CUP
	IMR 4895	40.5	4093	51,300 CUP
	H335	40.0	4158	53,100 CUP
	H4895	40.0	4126	52,000 CUP
	IMR 3031	38.5	4189	52,000 CUP
50 GR. HDY SP				**COL: 2.680"**
	H414	44.0	3826	49,600 CUP
	760	44.0	3826	49,600 CUP
	IMR 4007 SSC	43.0	3922	52,500 CUP
	H380	43.5	3947	53,800 CUP
	Varget	36.0	3770	50,200 CUP
	BL-C(2)	38.0	3888	51,000 CUP
	IMR 4895	38.7	3868	52,900 CUP
	H4895	38.0	3840	51,200 CUP
	IMR 3031	36.5	3877	53,100 CUP
55 GR. HDY SP				**COL: 2.680"**
	H4831	46.0	3616	46,600 CUP
	Hybrid 100V	42.0C	3627	52,600 CUP
	H4350	42.0	3619	50,800 CUP
	H414	44.0	3833	53,700 CUP
	760	44.0	3833	53,700 CUP
	IMR 4007 SSC	42.0	3771	52,900 CUP
	H380	42.5	3839	53,300 CUP
	Varget	36.0	3645	51,900 CUP
	IMR 4064	37.5	3742	52,500 CUP
	BL-C(2)	36.0	3682	49,900 CUP

*Max loads that show an asterik following the "C" for compressed load will not fit with standard 7828. Reduce by 4%.

BULLET	POWDER	GR	VEL	CUP
	IMR 4895	38.0	3739	53,000 CUP
	H4895	37.0	3698	52,000 CUP
	IMR 3031	35.2	3687	52,700 CUP

243 WINCHESTER

BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER LR

BULLET	POWDER	GR	VEL	CUP
70 GR. SPR HP				**COL: 2.625"**
	H414	46.0	3568	49,800 CUP
	760	46.0	3568	49,800 CUP
	IMR 4007 SSC	46.5	3515	50,900 CUP
	H380	46.0	3567	48,900 CUP
	Varget	40.5	3574	50,100 CUP
	IMR 4320	42.5	3541	50,300 CUP
	IMR 4064	42.5	3541	50,000 CUP
	BL-C(2)	39.0	3384	50,400 CUP
	IMR 4895	42.6	3558	50,000 CUP
	H4895	39.5	3477	49,200 CUP
	IMR 3031	39.0	3485	51,100 CUP
	Benchmark	39.3	3491	50,300 CUP
80 GR. SIE BTSP				**COL: 2.635"**
	Hybrid 100V	45.0C	3330	48,400 CUP
	H414	45.0	3404	50,100 CUP
	760	45.0	3404	50,100 CUP
	IMR 4007 SSC	45.0	3319	50,400 CUP
	H380	41.2	3223	50,300 CUP
	Varget	38.5	3355	50,300 CUP
	IMR 4320	40.5	3339	50,600 CUP
	IMR 4064	41.0	3320	50,800 CUP
	BL-C(2)	38.5	3242	50,600 CUP
	IMR 4895	40.2	3290	50,300 CUP
	H4895	38.0	3307	50,100 CUP
100 GR. SPR BTSP				**COL: 2.650"**
	H1000	47.0 C	3000	49,800 CUP
	IMR 7828	46.0C*	3009	51,100 CUP
	Supreme 780	47.5	3046	49,300 CUP
	H4831	42.0	2924	50,100 CUP
	Hybrid 100V	43.7C	3100	51,700 CUP
	IMR 4831	43.0	2947	50,800 CUP
	H4350	40.0	2973	51,000 CUP
	H414	40.0	2963	50,600 CUP
	IMR 4350	42.0	2958	50,100 CUP
	760	40.0	2963	50,600 CUP
	IMR 4007 SSC	39.5	2905	50,400 CUP
	H380	36.0	2770	50,100 CUP
	Varget	33.7	2838	50,400 CUP
	IMR 4064	36.5	2902	51,100 CUP
	IMR 4895	35.7	2862	50,100 CUP
	H4895	33.0	2818	50,100 CUP
	Trail Boss	15.3	1603	39,100 CUP

257 ROBERTS

BBL: 24" — CASE: REMINGTON — PR: REMINGTON 9 1/2

BULLET	POWDER	GR	VEL	CUP
75 GR. HDY HP				**COL: 2.795"**
	H4831	53.0	3307	37,500 CUP
	Hybrid 100V	49.0C	3380	42,900 CUP
	H4350	50.0	3422	44,000 CUP
	H414	52.0	3555	45,300 CUP
	760	52.0	3555	45,300 CUP
	H380	48.0	3563	45,600 CUP
	Varget	41.0	3453	43,700 CUP
	BL-C(2)	46.0	3531	46,700 CUP
	H335	46.0	3548	45,000 CUP
	H4895	44.0	3561	47,300 CUP
	Benchmark	41.7	3434	45,000 CUP
90 GR. SIE HPBT				**COL: 2.775"**
	H4831	52.0	3236	39,500 CUP
	Hybrid 100V	49.0C	3282	44,800 CUP
	H4350	46.0	3040	43,700 CUP
	H414	50.0	3368	44,400 CUP
	760	50.0	3368	44,400 CUP
	H380	47.0	3364	45,400 CUP
	Varget	40.0	3269	44,900 CUP
	BL-C(2)	43.5	3231	45,000 CUP
	H335	43.0	3300	44,400 CUP
	H4895	42.0	3372	47,600 CUP
100 GR. SIE SP				**COL: 2.775"**
	IMR 4831	46.5	2950	44,300 CUP
	IMR 4350	44.5	2930	44,600 CUP
	IMR 4064	39.5	2945	44,800 CUP
	IMR 4895	36.5	2850	45,000 CUP
100 GR. SPR SPBT				**COL: 2.770"**
	H4831	49.0	3010	44,100 CUP
	Hybrid 100V	48.0C	3205	45,400 CUP
	H4350	45.0	2970	45,400 CUP
	H414	45.0	3098	44,500 CUP
	760	45.0	3098	44,500 CUP
	H380	44.0	3108	46,600 CUP
	Varget	38.0	2981	44,900 CUP
	BL-C(2)	39.0	2958	45,400 CUP
	H335	39.0	3042	47,800 CUP
	H4895	38.0	2990	46,100 CUP

25-06 REMINGTON

BBL: 24" — CASE: REMINGTON — PR: REMINGTON 9 1/2

BULLET	POWDER	GR	VEL	CUP
90 GR. SIE HPBT				**COL: 3.100"**
	H1000	62.0C	3330	47,500 CUP
	IMR 7828 SSC	59.5C*	3374	52,900 CUP
	Supreme 780	57.0	3331	50,300 CUP
	H4831	58.0	3481	50,400 CUP
	Hybrid 100V	54.0	3404	51,500 CUP
	IMR 4831	55.5	3374	51,100 CUP
	H4350	53.0	3370	50,700 CUP
	H414	51.0	3315	50,200 CUP
	IMR 4350	53.5	3348	51,400 CUP
	760	51.0	3315	50,200 CUP
	IMR 4007 SSC	52.7	3430	51,700 CUP
	Varget	45.0	3312	50,400 CUP
	IMR 4064	45.8	3298	51,100 CUP
	IMR 4895	45.9	3269	49,200 CUP
	H4895	44.0	3257	51,000 CUP
100 GR. NOS PART				**COL: 3.200"**
	H1000	59.7C	3212	50,700 CUP
	IMR 7828 SSC	57.2C	3203	51,300 CUP
	Supreme 780	55.5	3229	50,000 CUP
	H4831	54.3	3172	51,400 CUP
	Hybrid 100V	52.5	3295	51,800 CUP
	IMR 4831	54.0	3233	51,400 CUP
	H4350	50.0	3155	51,500 CUP
	H414	47.0	3059	50,700 CUP
	IMR 4350	52.8	3257	51,200 CUP
	760	47.0	3059	50,700 CUP
	IMR 4007 SSC	50.8	3256	51,100 CUP
	Varget	44.0	3125	51,400 CUP
	IMR 4064	44.0	3122	50,800 CUP
	IMR 4895	45.3	3155	50,400 CUP
	H4895	43.0	3072	51,000 CUP
	Trail Boss	19.2	1712	30,600 PSI
120 GR. SFT SP				**COL: 3.150"**
	Retumbo	60.0C	2991	50,300 CUP
	H1000	55.5	2902	50,600 CUP
	IMR 7828 SSC	54.0	2923	50,300 CUP
	Supreme 780	53.0	2984	50,000 CUP
	H4831	51.5	2856	51,200 CUP
	Hybrid 100V	50.0	3009	51,200 CUP
	IMR 4831	53.0C	3065	50,900 CUP
	H4350	47.5	2816	50,900 CUP
	IMR 4350	52.0C	3049	50,800 CUP
	Varget	41.0	2755	51,900 CUP
	H4895	40.0	2694	51,700 CUP

25 WINCHESTER SUPER SHORT MAGNUM

BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER LR

BULLET	POWDER	GR	VEL	CUP
87 GR. SIE SP				**COL: 2.300"**
	IMR 4831	48.2C	3284	60,600 PSI
	H414	48.0	3342	58,200 PSI
	IMR 4350	47.0C	3276	58,500 PSI
	760	48.0	3342	58,200 PSI
	IMR 4007 SSC	47.0	3353	61,300 PSI
	H380	47.5	3363	62,200 PSI
	Varget	44.0	3431	62,600 PSI
	IMR 4064	43.3	3412	60,700 PSI
	IMR 4895	43.9	3452	61,700 PSI
	H4895	43.3	3456	62,300 PSI
100 GR. SPR BT				**COL: 2.300"**
	IMR 7828	49.5C*	3125	60,600 PSI
	IMR 4831	48.0C	3183	62,900 PSI
	H4350	48.5 C	3233	61,300 PSI
	H414	47.5	3221	60,800 PSI
	IMR 4350	47.0C	3198	61,400 PSI
	760	47.5	3221	60,800 PSI
	IMR 4007 SSC	45.5	3187	61,700 PSI
	H380	46.5	3190	62,800 PSI
	Varget	42.8	3248	62,700 PSI
	IMR 4320	43.0	3227	61,600 PSI
	IMR 4064	42.0	3245	62,400 PSI
	BL-C(2)	44.5	3264	58,900 PSI
	IMR 4895	42.5	3259	62,400 PSI
	H4895	41.5	3243	61,700 PSI
120 GR. SFT SP				**COL: 2.330"**
	IMR 7828	47.8C*	2931	62,600 PSI
	H4831	48.0 C	2902	61,100 PSI
	IMR 4831	45.2C	2910	63,600 PSI
	H4350	45.5 C	2981	62,400 PSI
	H414	44.7	2985	63,100 PSI
	IMR 4350	44.3C	2912	62,000 PSI
	760	44.7	2985	63,100 PSI
	IMR 4007 SSC	42.0	2863	61,300 PSI
	H380	43.0	2900	61,200 PSI
	Varget	39.0	2878	63,500 PSI
	IMR 4320	39.2	2846	63,200 PSI
	IMR 4064	38.5	2840	62,000 PSI
	BL-C(2)	41.0	2908	62,200 PSI
	IMR 4895	39.0	2862	62,600 PSI
	H4895	37.7	2840	61,700 PSI

6.5 X 55MM SWEDISH MAUSER

BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER LR

BULLET	POWDER	GR	VEL	CUP
120 GR. NOS BT				**COL: 3.000"**
	IMR 7828 SSC	49.5C	2802	45,600 CUP
	H4831	49.5C	2802	45,900 CUP
	Hybrid 100V	45.5	2787	46,000 CUP
	IMR 4831	48.5C	2913	46,200 CUP
	H4350	46.0	2792	45,800 CUP
	H414	44.5	2783	46,000 CUP
	IMR 4350	46.8C	2863	46,000 CUP
	760	44.5	2783	46,000 CUP
	IMR 4007 SSC	44.2	2788	45,100 CUP
	H380	44.3	2784	46,000 CUP
	Varget	39.0	2812	45,300 CUP
	IMR 4064	40.0	2764	45,100 CUP
	IMR 4895	39.6	2767	45,900 CUP
	H4895	37.8	2715	46,000 CUP
140 GR. SPR SP				**COL: 3.030"**
	H1000	51.5C	2651	46,000 CUP
	IMR 7828 SSC	48.2	2678	45,800 CUP
	Supreme 780	47.8	2592	45,300 CUP
	HH4831	47.0	2586	45,700 CUP
	Hybrid 100V	44.5	2642	45,200 CUP
	IMR 4831	46.3	2700	45,400 CUP
	H4350	44.0	2617	45,700 CUP
	H414	41.5	2565	45,600 CUP
	IMR 4350	45.0	2677	46,000 CUP
	760	41.5	2565	45,600 CUP
	IMR 4007 SSC	42.8	2591	45,300 CUP
	H380	40.5	2520	45,100 CUP
	Varget	36.0	2528	46,000 CUP
	IMR 4064	38.0	2563	45,800 CUP

*Max loads that show an asterik following the "C" for compressed load will not fit with standard 7828. Reduce by 4%.

BULLET	POWDER	GR	VEL	CUP
	IMR 4895	37.8	2550	45,500 CUP
	H4895	35.8	2493	45,700 CUP

264 WINCHESTER MAGNUM

BBL: 26" — CASE: WINCHESTER — PR: WINCHESTER LR

BULLET	POWDER	GR	VEL	CUP
120 GR. SPR SP				**COL: 3.250"**
	Retumbo	70.5	3299	61,700 PSI
	H1000	69.7	3267	62,100 PSI
	Supreme 780	65.0	3235	61,700 PSI
	H4831	64.5	3254	62,000 PSI
	Hybrid 100V	60.0	3232	60,600 PSI
	IMR 4831	60.7	3212	61,600 PSI
	H4350	58.0	3185	61,200 PSI
	IMR 4350	60.0	3226	61,900 PSI
140 GR. NOS PART				**COL: 3.260"**
	Retumbo	63.5	3026	63,000 PSI
	H1000	58.5	2900	61,800 PSI
	Supreme 780	59.0	2927	60,900 PSI
	H4831	55.0	2853	59,400 PSI
	Hybrid 100V	54.5	2912	61,800 PSI
	IMR 4831	55.2	2907	61,700 PSI
	H4350	52.0	2829	60,800 PSI
	IMR 4350	54.5	2903	61,400 PSI

270 WINCHESTER

BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER LR

BULLET	POWDER	GR	VEL	CUP
130 GR. HDY SP				**COL: 3.180"**
	H1000	64.0 C	3025	48,100 CUP
	IMR 7828	60.2	3085	50,300 CUP
	Supreme 780	60.0	3043	61,900 PSI
	H4831	60.0 C	3019	51,000 CUP
	Hybrid 100V	56.0C	3066	61,800 PSI
	IMR 4831	55.8	3002	50,300 CUP
	H4350	54.3	3012	50,500 CUP
	H414	53.5	3003	50,800 CUP
	IMR 4350	55.0	3028	49,900 CUP
	760	53.5	3003	50,800 CUP
	IMR 4007 SSC	51.5	2949	63,700 PSI
	H380	49.8	2884	51,000 CUP
	Varget	46.0	2931	49,600 CUP
	IMR 4320	47.0	2916	50,200 CUP
	IMR 4064	47.5	2932	50,000 CUP
	IMR 4895	46.9	2957	50,600 CUP
	H4895	45.0	2922	51,000 CUP
	Trail Boss	19.7	1537	27,100 PSI
140 GR. SFT SP				**COL: 3.280"**
	H1000	63.0 C	2979	50,800 CUP
	IMR 7828	57.2	2939	50,600 CUP
	Supreme 780	58.0	2925	60,100 PSI
	H4831	58.0 C	2888	50,100 CUP
	Hybrid 100V	54.2C	2964	62,300 PSI
	IMR 4831	54.0	2896	50,700 CUP
	H4350	52.0	2870	50,400 CUP
	H414	48.9	2788	49,800 CUP
	IMR 4350	53.2	2916	51,000 CUP
	760	48.9	2788	49,800 CUP
	Varget	43.7	2772	50,500 CUP
	IMR 4320	44.5	2775	50,000 CUP
	IMR 4064	46.1	2828	50,800 CUP
	IMR 4895	45.6	2828	50,100 CUP
	H4895	42.6	2768	50,600 CUP
150 GR. HDY SP				**COL: 3.285"**
	H1000	59.0 C	2831	51,000 CUP
	IMR 7828	56.8	2850	50,400 CUP
	Supreme 780	56.8	2774	61,200 PSI
	H4831	55.7	2804	51,200 CUP
	Hybrid 100V	52.0	2811	61,900 PSI
	IMR 4831	53.0	2815	50,900 CUP
	H4350	49.0	2724	51,000 CUP
	H414	48.0	2706	51,200 CUP
	IMR 4350	51.6	2809	50,900 CUP
	760	48.0	2706	51,200 CUP
	IMR 4064	45.0	2719	50,700 CUP
	IMR 4895	44.5	2704	50,600 CUP

270 WINCHESTER SHORT MAGNUM

BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER LRM

BULLET	POWDER	GR	VEL	CUP
130 GR. HDY SP				**COL: 2.730"**
	H1000	73.0C	3168	58,700 PSI
	IMR 7828	67.0	3201	63,000 PSI
	Supreme 780	69.0	3273	62,800 PSI
	H4831	67.0	3228	63,400 PSI
	Hybrid 100V	63.0C	3259	64,600 PSI
	IMR 4831	63.5	3208	63,300 PSI
	H4350	60.5	3226	63,500 PSI
	H414	61.0	3235	62,700 PSI
	IMR 4350	62.5	3230	63,000 PSI
	760	61.0	3235	62,700 PSI
	IMR 4007 SSC	59.5	3159	63,400 PSI
	H380	59.5	3174	63,200 PSI
	Varget	54.0	3169	63,200 PSI
	IMR 4064	54.3	3140	63,800 PSI
	IMR 4895	54.0	3120	62,500 PSI
	Trail Boss	22.5	1832	47,900 PSI
140 GR. SFT SP				**COL: 2.800"**
	Retumbo	71.0C	3165	61,300 PSI
	H1000	70.0C	3137	63,500 PSI
	IMR 7828	64.5	3081	61,900 PSI
	Supreme 780	67.4	3163	63,000 PSI
	H4831	62.5	3085	63,000 PSI
	Hybrid 100V	60.0	3071	61,600 PSI
	IMR 4831	61.5	3059	62,600 PSI
	H4350	58.0	3087	63,100 PSI
	H414	58.0	3068	62,600 PSI
	IMR 4350	60.5	3081	62,200 PSI
	760	58.0	3068	62,600 PSI
	IMR 4007 SSC	57.5	3043	63,000 PSI
	H380	56.5	3005	62,700 PSI
150 GR. HDY SP				**COL: 2.740"**
	Retumbo	70.0C	3071	63,000 PSI
	H1000	67.5C	3001	62,800 PSI
	IMR 7828	63.1	2952	63,200 PSI
	Supreme 780	66.6	3066	58,400 PSI
	H4831	60.0	2962	63,100 PSI
	Hybrid 100V	59.0	2954	61,800 PSI
	IMR 4831	59.3	2916	63,000 PSI
	H4350	56.5	2978	63,000 PSI
	H414	57.5	2991	63,200 PSI
	IMR 4350	58.5	2934	62,200 PSI
	760	57.5	2991	63,200 PSI
	IMR 4007 SSC	56.0	2892	63,900 PSI
	H380	54.5	2885	63,100 PSI

7MM-08 REMINGTON

BBL: 24" — CASE: REMINGTON — PR: REMINGTON 9 1/2

BULLET	POWDER	GR	VEL	CUP
120 GR. NOS BT				**COL: 2.800"**
	H4350	50.0 C	3039	44,600 CUP
	H414	49.0	3023	47,600 CUP
	760	49.0	3023	47,600 CUP
	IMR 4007 SSC	49.0C	3118	49,000 CUP
	H380	48.0	2977	43,400 CUP
	Varget	45.0	3117	49,900 CUP
	IMR 4320	44.7	3001	50,400 CUP
	IMR 4064	43.9	3017	50,000 CUP
	BL-C(2)	46.5	3109	50,100 CUP
	IMR 4895	44.0	3022	49,800 CUP
	H335	42.0	2984	49,400 CUP
	H4895	43.7	3085	49,700 CUP
	IMR 3031	41.0	2987	50,500 CUP
	Benchmark	41.3	2968	49,000 CUP
140 GR. SFT SP				**COL: 2.750"**
	H4350	48.0 C	2868	49,800 CUP
	H414	46.0	2791	49,500 CUP
	IMR 4350	46.5C	2826	50,000 CUP
	760	46.0	2791	49,500 CUP
	IMR 4007 SSC	46.0	2847	49,600 CUP
	H380	45.7	2775	49,400 CUP
	Varget	42.2	2819	49,800 CUP
	IMR 4320	41.4	2749	49,800 CUP
	IMR 4064	40.5	2770	50,300 CUP
	BL-C(2)	42.5	2796	49,700 CUP
	IMR 4895	41.0	2752	49,600 CUP
	H335	37.5	2647	49,800 CUP
	H4895	40.5	2769	49,700 CUP
	IMR 3031	38.3	2695	49,600 CUP
	Benchmark	38.3	2688	49,300 CUP
	Trail Boss	16.0	1472	43,300 CUP
150 GR. SIE HPBT				**COL: 2.800"**
	H4350	48.5 C	2823	50,300 CUP
	IMR 4350	46.5C	2746	46,600 CUP
	760	46.5	2776	50,000 CUP
	IMR 4007 SSC	45.5	2804	50,400 CUP
	H380	45.5	2748	49,900 CUP
	IMR 4320	41.5	2711	49,400 CUP
	IMR 4064	40.3	2723	48,800 CUP
	Varget	41.3	2731	50,000 CUP
	BL-C(2)	41.5	2699	49,600 CUP
	H335	37.5	2605	49,900 CUP
	H4895	40.5	2723	50,000 CUP
	IMR 3031	38.5	2684	49,900 CUP
	Benchmark	38.5	2667	50,200 CUP

7 X 57MM MAUSER

BBL: 24" — CASE: WINCHESTER — PR: WINCHESTER LR

BULLET	POWDER	GR	VEL	CUP
120 GR. NOS BT				**COL: 3.000"**
	H4831	52.5C	2777	40,800 CUP
	Hybrid 100V	48.0C	2806	41,700 CUP
	H4350	51.0C	2945	45,800 CUP
	H414	51.0	2938	45,600 CUP
	760	51.0	2938	45,600 CUP
	H380	47.5	2860	46,000 CUP
	Varget	44.0	2979	46,000 CUP
	H4895	42.0	2859	45,400 CUP
	Benchmark	41.5	2863	46,000 CUP
140 GR. NOS BT				**COL: 3.000"**
	H4831	49.5C	2719	46,000 CUP
	Hybrid 100V	46.5C	2654	43,300 CUP
	H4350	46.5	2682	46,000 CUP
	H414	47.0	2715	46,000 CUP
	760	47.0	2715	46,000 CUP
	IMR 4007 SSC	44.5	2645	46,200 CUP
	H380	44.0	2614	46,000 CUP
	Varget	37.7	2516	46,000 CUP
	H4895	37.5	2530	45,800 CUP
	Benchmark	38.0	2571	45,700 CUP
168 GR. SIE HPBT				**COL: 3.000"**
	H1000	52.0C	2485	46,000 CUP
	H4831	46.0	2393	43,900 CUP
	Hybrid 100V	45.5C	2534	45,000 CUP
	H4350	42.5	2378	44,100 CUP
	H414	42.5	2378	45,000 CUP
	760	42.5	2378	45,000 CUP
	IMR 4007 SSC	41.0	2472	44,900 CUP
	H380	39.5	2272	44,500 CUP
	Varget	37.5	2404	45,500 CUP
	H4895	34.5	2211	42,600 CUP

280 REMINGTON

BBL: 24" — CASE: REMINGTON — PR: REMINGTON 9 1/2

BULLET	POWDER	GR	VEL	CUP
120 GR. BAR TSX				**COL: 3.230"**
	H4831	63.0C	3124	53,100 PSI
	IMR 4831	61.0C	3259	57,400 PSI
	H4350	59.0C	3254	57,400 PSI
	H414	56.2	3191	56,900 PSI
	IMR 4350	59.0C	3210	56,800 PSI
	IMR 4007 SSC	56.3	3230	57,400 PSI
	H380	55.0	3210	58,000 PSI
	Varget	50.7	3177	57,200 PSI

*Max loads that show an asterik following the "C" for compressed load will not fit with standard 7828. Reduce by 4%.

BULLET	POWDER	GR	VEL	CUP
	IMR 4064	50.6	3160	57,000 PSI
	748	50.0	3061	56,400 PSI
	BL-C(2)	50.6	3125	55,800 PSI
	H4895	49.9	3171	57,200 PSI
140 GR. NOS PART				**COL: 3.240"**
	H4831	58.5	2927	48,500 CUP
	Hybrid 100V	54.0C	2847	47,000 CUP
	H4350	53.5	2918	48,500 CUP
	H414	51.0	2867	47,900 CUP
	760	51.0	2867	47,900 CUP
	Varget	45.5	2838	48,100 CUP
	H4895	45.2	2830	48,400 CUP
160 GR. SFT SP				**COL: 3.065"**
	H1000	61.0C	2714	47,500 CUP
	Supreme 780	56.7	2718	49,500 CUP
	H4831	55.0	2660	49,500 CUP
	Hybrid 100V	52.0C	2712	48,600 CUP
	H4350	49.5	2610	48,900 CUP
	760	47.5	2558	49,700 CUP
	H4895	41.5	2535	49,500 CUP

7MM WINCHESTER SHORT MAG.

BBL: 24" — **CASE: WINCHESTER** — **PR: WINCHESTER LRM**

BULLET	POWDER	GR	VEL	CUP
140 GR. NOS PART				**COL: 2.850"**
	Retumbo	72.0 C	3046	54,300 PSI
	H1000	72.0 C	3091	59,000 PSI
	IMR 7828	68.2	3155	63,000 PSI
	Supreme 780	71.7	3160	59,900 PSI
	H4831	66.0	3116	62,000 PSI
	Hybrid 100V	63.5	3116	60,200 PSI
	IMR 4831	64.6	3149	62,600 PSI
	H4350	61.5	3133	61,900 PSI
	H414	60.8	3130	62,600 PSI
	IMR 4350	63.2	3161	63,200 PSI
	760	60.8	3130	62,600 PSI
	IMR 4007 SSC	62.0	3129	63,400 PSI
	H380	59.0	3062	63,300 PSI
	Varget	54.5	3063	62,600 PSI
	IMR 4320	54.3	3030	61,200 PSI
	IMR 4064	54.5	3058	62,900 PSI
	IMR 4895	55.0	3073	63,700 PSI
	H4895	52.3	3024	63,000 PSI
160 GR. SFT SP				**COL: 2.850"**
	Retumbo	70.0 C	2958	59,800 PSI
	H1000	69.5 C	2956	62,800 PSI
	IMR 7828	65.0	2943	63,000 PSI
	Supreme 780	69.0	2968	60,900 PSI
	H4831	63.5	2921	62,600 PSI
	Hybrid 100V	62.5C	2956	61,600 PSI
	IMR 4831	61.4	2907	62,100 PSI
	H4350	59.5	2918	62,200 PSI
	H414	58.7	2904	63,100 PSI
	IMR 4350	61.7	2946	63,400 PSI
	760	58.7	2904	63,100 PSI
	IMR 4007 SSC	59.0	2884	61,900 PSI
	H380	57.0	2832	61,900 PSI
	Varget	51.3	2823	62,100 PSI
	IMR 4320	52.5	2803	62,000 PSI
	H4895	49.0	2762	62,600 PSI
175 GR. SPR MAG TIP				**COL: 2.760"**
	Retumbo	64.0 C	2800	61,200 PSI
	H1000	62.0 C	2764	63,100 PSI
	IMR 7828	63.0	2788	63,600 PSI
	Supreme 780	68.0	2850	60,500 PSI
	H4831	57.5	2733	63,900 PSI
	Hybrid 100V	58.5	2738	63,200 PSI
	IMR 4831	59.0	2729	61,900 PSI
	H4350	52.5	2672	62,200 PSI
	H414	52.0	2636	61,300 PSI
	IMR 4350	58.0	2729	62,000 PSI
	760	52.0	2636	61,300 PSI

7MM REM. MAGNUM

BBL: 24" — **CASE: WINCHESTER** — **PR: WINCHESTER LR**

BULLET	POWDER	GR	VEL	CUP
140 GR. NOS PART				**COL: 3.250"**
	Retumbo	75.0 C	3107	49,400 CUP
	H1000	70.0	3036	50,600 CUP
	IMR 7828	69.0	3095	59,200 PSI
	Supreme 780	69.3	3134	58,000 PSI
	H4831	64.0	2950	50,200 CUP
	Hybrid 100V	63.0	3138	59,800 PSI
	IMR 4831	65.4	3053	59,400 PSI
	H4350	59.0	2927	50,000 CUP
	H414	60.2	2967	49,300 CUP
	IMR 4350	62.8	3045	58,600 PSI
	760	60.2	2967	49,300 CUP
	IMR 4007 SSC	60.0	3025	58,600 PSI
	Trail Boss	24.5	1724	31,000 PSI
162 GR. HDY SPBT				**COL: 3.290"**
	US869	80.0	2921	54,400 PSI
	Retumbo	73.5 C	2963	50,500 CUP
	H1000	70.0	2905	49,600 CUP
	IMR 7828	65.0	2882	59,000 PSI
	Supreme 780	65.5	2953	59,700 PSI
	H4831	64.0	2871	49,800 CUP
	Hybrid 100V	60.0	2922	59,500 PSI
	IMR 4831	61.8	2877	59,500 PSI
	H4350	58.0	2799	49,400 CUP
	IMR 4350	60.0	2861	58,100 PSI
175 GR. NOS PART				**COL: 3.290"**
	US869	77.0	2758	56,200 PSI
	Retumbo	68.0 C	2800	51,200 CUP
	H1000	64.5	2692	50,400 CUP
	IMR 7828	61.0	2707	58,300 PSI
	Supreme 780	63.0	2789	58,800 PSI
	H4831	58.0	2660	50,200 CUP
	Hybrid 100V	57.5	2740	58,200 PSI
	IMR 4831	58.0	2710	58,700 PSI
	H4350	54.0	2617	51,400 CUP
	IMR 4350	57.0	2698	58,800 PSI

7MM REM. ULTRA MAG.

BBL: 24" — **CASE: REMINGTON** — **PR: REMINGTON 9 1/2 M**

BULLET	POWDER	GR	VEL	CUP
140 GR. BAR XBT				**COL: 3.560"**
	US 869	104.7	3275	62,400 PSI
	H50BMG	107.0C	3271	62,400 PSI
	Retumbo	96.5C	3353	62,900 PSI
	H1000	95.0	3277	62,700 PSI
	IMR 7828	86.8	3290	62,000 PSI
	H4831	87.0	3279	63,100 PSI
	IMR 4831	79.3	3220	62,000 PSI
160 GR. NOS PART				**COL: 3.600"**
	US 869	103.0	3192	62,900 PSI
	H50BMG	100.0	3144	63,400 PSI
	Retumbo	94.0	3212	62,800 PSI
	H1000	91.0	3167	63,500 PSI
	IMR 7828	84.5	3140	62,000 PSI
	IMR 4831	76.5	3050	61,000 PSI
175 GR. SFT SP				**COL: 3.600"**
	US 869	102.0	3077	63,000 PSI
	H50BMG	96.0	3019	63,100 PSI
	Retumbo	91.5	3069	63,400 PSI
	H1000	87.0	3021	63,500 PSI

30-30 WINCHESTER

BBL: 24" — **CASE: WINCHESTER** — **PR: WINCHESTER LR**

BULLET	POWDER	GR	VEL	CUP
150 GR. SIE FN				**COL: 2.550"**
	760	35.9	2090	30,000 CUP
	Varget	34.5	2349	36,200 CUP
	IMR 4320	32.5	2127	36,500 CUP
	IMR 4064	33.3	2236	36,200 CUP
	748	34.5	2310	36,000 CUP
	BL-C(2)	37.0	2358	33,900 CUP
	IMR 4895	33.5	2213	34,300 CUP
	H335	33.0	2308	36,200 CUP
	H4895	34.0	2390	36,700 CUP
	IMR 3031	30.5	2192	36,000 CUP
	Benchmark	29.0	2183	37,200 CUP
	IMR 4198	23.0	2055	35,500 CUP
	H4198	24.0	2110	36,800 CUP
160 GR. CAST LFN				**COL: 2.485"**
	Trail Boss	9.0	1195	29,100 CUP
170 GR. SIE FP				**COL: 2.550"**
	760	33.6	1975	30,000 CUP
	Varget	33.0	2168	36,500 CUP
	IMR 4320	32.5	2068	36,300 CUP
	IMR 4064	31.7	2090	35,300 CUP
	748	32.0	2145	36,000 CUP
	BL-C(2)	36.0	2227	34,700 CUP
	IMR 4895	31.7	2068	35,300 CUP
	H335	30.5	2086	36,300 CUP
	H4895	30.5	2138	35,200 CUP
	IMR 3031	29.2	2085	35,800 CUP
	Benchmark	27.0	2001	36,100 CUP
	IMR 4198	22.3	1896	32,100 CUP
	H4198	22.5	1918	32,600 CUP

308 MARLIN EXPRESS

BBL: 24" — **CASE: HORNADY** — **PR: WINCHESTER LR**

BULLET	POWDER	GR	VEL	CUP
130 GR. SPR FP				**COL: 2.420"**
	Varget	42.5	2730	46,400 PSI
	IMR 4064	41.5C	2686	45,400 PSI
	748	43.0	2677	40,500 PSI
	BL-C(2)	46.0	2799	45,600 PSI
	IMR 4895	41.7	2700	46,500 PSI
	H335	41.5	2772	45,700 PSI
	H4895	41.7	2762	46,000 PSI
	IMR 3031	38.5	2700	45,800 PSI
	Benchmark	36.5	2635	46,300 PSI
	H322	35.3	2617	45,800 PSi
150 GR. HDY RN				**COL: 2.430"**
	Varget	41.5C	2572	46,100 PSI
	IMR 4320	41.0 C	2533	46,400 PSI
	748	42.0	2560	42,100 PSI
	BL-C(2)	43.0	2544	41,200 PSI
	IMR 4895	41.0 C	2575	46,500 PSI
	H335	40.0C	2611	46,800 PSI
	H4895	40.5	2607	45,900 PSI
	IMR 3031	37.3 C	2545	46,200 PSI
170 GR. HDY FP				**COL: 2.400"**
	Varget	39.3 C	2394	46,300 PSI
	IMR 4320	39.4	2383	45,800 PSI
	IMR 4064	39.3 C	2416	46,100 PSI
	748	40.0	2432	45,400 PSI
	BL-C(2)	40.6	2420	44,800 PSI
	H335	37.5	2409	46,300 PSI
	H4895	38.6C	2439	46,300 PSI
	IMR 4895	39.0 C	2409	46,300 PSI
	IMR 3031	35.6 C	2372	45,800 PSI

308 WINCHESTER

BBL: 24" — **CASE: WINCHESTER** — **PR: FEDERAL 210M**

BULLET	POWDER	GR	VEL	CUP
150 GR. NOS BT				**COL: 2.800"**
	IMR 4007 SSC	46.0C	2648	48,000 PSI
	Varget	47.0C	2937	50,300 CUP
	IMR 4320	49.0C	2936	59,800 PSI
	IMR 4064	47.7C	2903	57,100 PSI
	748	48.5	2865	48,000 CUP
	BL-C(2)	48.0	2839	50,000 CUP
	IMR 4895	47.3C	2920	57,700 PSI
	H335	44.0	2787	51,200 CUP
	H4895	45.5	2870	51,000 CUP
	IMR 3031	43.5C	2881	59,200 PSI
	Benchmark	43.0	2752	49,900 CUP
	H322	40.0	2702	50,500 CUP
	Trail Boss	14.0	1417	27,100 PSI
168 GR. SIE HPBT				**COL: 2.800"**
	IMR 4007 SSC	45.8C	2606	52,000 PSI

*Max loads that show an asterik following the "C" for compressed load will not fit with standard 7828. Reduce by 4%.

BULLET	POWDER	GR	VEL	CUP
	Varget	46.0C	2731	50,600 CUP
	IMR 4320	46.0	2733	59,300 PSI
	IMR 4064	45.9C	2766	58,800 PSI
	BL-C(2)	47.0	2754	50,200 CUP
	IMR 4895	45.4C	2758	58,000 PSI
	H335	42.0	2631	49,300 CUP
	H4895	43.5	2703	49,500 CUP
	IMR 3031	42.0	2710	58,900 PSI
	Benchmark	42.0	2630	49,300 CUP
	Titegroup	8.0	1080	25,000 CUP
	Clays	8.0	1060	26,800 CUP
175 GR. SIE HPBT				**COL: 2.800"**
	H414	49.0	2629	50,100 CUP
	760	49.0	2629	50,100 CUP
	IMR 4007 SSC	48.0C	2666	56,500 PSI
	Varget	45.0C	2690	48,600 CUP
	IMR 4320	45.7C	2687	57,600 PSI
	IMR 4064	45.6C	2728	59,500 PSI
	BL-C(2)	46.0	2706	50,300 CUP
	IMR 4895	45.0C	2704	57,800 PSI
	H335	41.3	2592	50,100 CUP
	H4895	42.7	2647	49,000 CUP
	IMR 3031	41.3	2653	59,100 PSI
	Benchmark	41.5	2590	50,800 CUP

30 TC

BBL: 24" — **CASE: HORNADY** — **PR: WINCHESTER LR**

BULLET	POWDER	GR	VEL	CUP
150 GR. HDY IB				**COL: 2.640"**
	Varget	45.8C	2830	56,100 PSI
	IMR 4320	46.5C	2861	58,800 PSI
	748	46.0	2813	51,600 PSI
	BL-C(2)	48.0	2856	55,300 PSI
	IMR 4895	45.8C	2863	57,500 PSI
	H335	44.8	2907	59,200 PSI
	H4895	45.5C	2901	58,900 PSI
	IMR 3031	42.5C	2856	60,200 PSI
	Benchmark	42.5C	2831	59,400 PSI
	H322	42.5C	2857	60,700 PSI
165 GR. BAR TSX				**COL: 2.630"**
	Varget	45.0C	2748	60,500 PSI
	IMR 4320	44.8C	2764	60,200 PSI
	748	46.0	2748	53,900 PSI
	BL-C(2)	47.5	2796	58,600 PSI
	IMR 4895	45.0C	2764	59,800 PSI
	H335	43.5	2761	58,700 PSI
	H4895	43.4C	2755	59,700 PSI
	IMR 3031	41.0C	2708	59,800 PSI
	Benchmark	42.0C	2719	58,800 PSI
	H322	40.5C	2691	59,600 PSI
180 GR. HDY SP				**COL: 2.640"**
	Varget	43.8C	2579	59,100 PSI
	IMR 4320	43.9C	2601	59,800 PSI
	748	44.5	2626	57,900 PSI
	BL-C(2)	46.0	2652	59,200 PSI
	IMR 4895	43.5C	2599	58,800 PSI
	H335	42.0	2580	59,400 PSI
	H4895	42.5C	2596	59,400 PSI
	IMR 3031	39.9C	2544	59,000 PSI
	Benchmark	41.0	2565	59,300 PSI

30-06

BBL: 24" — **CASE: WINCHESTER** — **PR: WINCHESTER LR**

BULLET	POWDER	GR	VEL	CUP
150 GR. NOS BT				**COL: 3.250"**
	H4350	62.0C	3068	48,400 CUP
	H414	60.0	2992	48,600 CUP
	IMR 4350	58.0C	2942	57,200 PSI
	760	60.0	2992	48,600 CUP
	IMR 4007 SSC	55.3	2972	58,000 PSI
	H380	59.0	3005	45,900 CUP
	Varget	51.0	2975	50,000 CUP
	IMR 4320	52.3	3016	58,000 PSI
	IMR 4064	51.0	2928	58,600 PSI
	748	48.0	2810	46,000 CUP
	BL-C(2)	54.0	2962	48,600 CUP
	IMR 4895	53.0	3009	56,700 PSI
	H335	51.5	2982	49,200 CUP
	H4895	51.0	2976	48,500 CUP
	IMR 3031	46.7	2887	59,300 PSI
	Benchmark	49.5	2944	49,300 CUP
	Trail Boss	19.0	1477	26,400 PSI
165 GR. SIE SPBT				**COL: 3.300"**
	Hybrid 100V	57.0C	2801	52,800 PSI
	H4350	59.0	2938	49,400 CUP
	H414	56.5	2877	49,700 CUP
	IMR 4350	60.0C	2934	57,600 PSI
	760	56.5	2877	49,700 CUP
	IMR 4007 SSC	55.9	2867	58,300 PSI
	H380	56.5	2892	50,000 CUP
	Varget	50.5	2873	49,700 CUP
	IMR 4320	51.2	2869	58,600 PSI
	IMR 4064	52.5	2901	58,900 PSI
	BL-C(2)	51.0	2805	49,800 CUP
	IMR 4895	52.0	2888	57,200 PSI
	H335	47.0	2749	49,300 CUP
	H4895	47.5	2782	49,000 CUP
	IMR 3031	48.0	2825	57,500 PSI
	Benchmark	47.7	2795	49,300 CUP
180 GR. SIE SPBT				**COL: 3.300"**
	Supreme 780	61.0	2673	54,100 PSI
	H4831	60.0C	2710	44,300 CUP
	Hybrid 100V	57.0C	2742	55,200 PSI
	IMR 4831	56.8C	2749	57,100 PSI
	H4350	57.5	2798	49,300 CUP
	H414	55.5	2743	48,700 CUP
	IMR 4350	56.5C	2752	57,200 PSI
	760	55.5	2743	48,700 CUP
	IMR 4007 SSC	53.5	2732	58,100 PSI
	H380	53.0	2682	48,700 CUP
	Varget	47.0	2668	50,000 CUP
	IMR 4320	47.8	2661	58,000 PSI
	IMR 4064	48.7	2700	58,200 PSI
	BL-C(2)	48.5	2634	48,100 CUP
	IMR 4895	48.0	2680	56,800 PSI
	H335	46.0	2621	49,200 CUP
	H4895	46.0	2638	48,800 CUP
	Benchmark	46.0	2660	49,000 CUP

300 RUGER COMPACT MAGNUM

BBL: 24" — **CASE: HORNADY** — **PR: WINCHESTER LRM**

BULLET	POWDER	GR	VEL	CUP
150 GR. HADY IB				**COL: 2.830"**
	Hybrid 100V	63.0C	3131	58,800 PSI
	H4350	63.5C	3118	61,800 PSI
	H414	62.5	3121	61,800 PSI
	IMR 4350	63.0C	3081	60,800 PSI
	760	62.5	3121	61,800 PSI
	IMR 4007 SSC	61.6	3121	63,200 PSI
	H380	62.0	3123	62,400 PSI
	Varget	56.4	3086	62,700 PSI
	IMR 4064	56.2	3114	62,900 PSI
	748	57.7	3095	61,300 PSI
	IMR 4895	56.0	3081	60,600 PSI
	H4895	55.0	3091	62,500 PSI
165 GR. BAR TSX				**COL: 2.800"**
	Hybrid 100V	61.0C	2962	57,900 PSI
	H4350	62.5C	2979	62,700 PSI
	H414	59.5	2958	62,200 PSI
	IMR 4350	63.0C	2967	62,300 PSI
	760	59.5	2958	62,200 PSI
	IMR 4007 SSC	60.5C	2976	63,300 PSI
	H380	59.0	2951	62,900 PSI
	Varget	54.2	2908	62,600 PSI
	IMR 4064	54.0	2920	61,400 PSI
	748	54.3	2921	62,500 PSI
	IMR 4895	54.0	2902	60,700 PSI
	H4895	53.0	2917	62,700 PSI
180 GR. HDY SP				**COL: 2.820"**
	Hybrid 100V	61.0C	2922	62,800 PSI
	IMR 4831	62.5C	2840	59,700 PSI
	H4350	60.0C	2826	62,600 PSI
	H414	58.2	2813	61,100 PSI
	IMR 4350	60.8C	2850	62,500 PSI
	IMR 4350	60.8C	2850	62,500 PSI
	760	58.2	2813	61,100 PSI
	IMR 4007 SSC	59.3	2835	62,000 PSI
	H380	58.5	2812	62,900 PSI
	Varget	52.6	2755	62,700 PSI
	IMR 4064	53.2	2777	61,300 PSI
	748	54.5	2766	60,600 PSI
	IMR 4895	52.5	2766	61,400 PSI
	H4895	50.2	2711	60,400 PSI

300 WIN. SHORT MAGNUM

BBL: 24" — **CASE: WINCHESTER** — **PR: WINCHESTER WLRM**

BULLET	POWDER	GR	VEL	CUP
150 GR. SPR GSSP				**COL: 2.780"**
	Supreme 780	74.0	3134	59,200 PSI
	Hybrid 100V	67.0 C	3127	57,700 PSI
	H4350	67.0	3187	63,200 PSI
	H414	66.0	3204	63,300 PSI
	IMR 4350	68.0	3221	62,100 PSI
	760	66.0	3204	63,300 PSI
	IMR 4007 SSC	63.7	3220	63,100 PSI
	H380	64.0	3141	63,600 PSI
	Varget	58.5	3140	63,800 PSI
	H4895	54.5	3078	63,100 PSI
	IMR 4320	61.0	3172	63,900 PSI
	IMR 4064	61.0	3198	63,300 PSI
	IMR 4895	60.5	3176	62,300 PSI
	H4895	54.5	3078	63,100 PSI
	Trail Boss	23.3	1758	31,600 PSI
180 GR. SFT SCIR				**COL: 2.860"**
	IMR 7828	69.5 C*	2943	62,600 PSI
	Supreme 780	70.0	2923	60,800 PSI
	Hybrid 100V	64.0 C	2918	59,800 PSI
	IMR 4831	66.3 C	2980	62,900 PSI
	H4831	70.0 C	2929	64,000 PSI
	H4350	64.0	2950	63,900 PSI
	H414	62.5	2959	63,000 PSI
	IMR 4350	65.0 C	2991	63,700 PSI
	760	62.5	2959	63,000 PSI
	IMR 4007 SSC	59.8	2927	63,000 PSI
	H380	61.0	2884	63,400 PSI
200 GR. SFT SP				**COL: 2.790"**
	H1000	72.0 C	2737	57,200 PSI
	IMR 7828	67.5C*	2793	63,100 PSI
	Supreme 780	69.5	2815	61,800 PSI
	H4831	66.5C	2802	63,700 PSI
	IMR 4831	63.7C	2780	62,200 PSI
	H4350	62.0	2792	63,200 PSI
	H414	61.0	2803	63,200 PSI
	IMR 4350	63.5C	2827	63,700 PSI
	760	61.0	2803	63,200 PSI
	IMR 4007 SSC	59.8	2788	64,000 PSI

300 WINCHESTER MAGNUM

BBL: 24" — **CASE: WINCHESTER** — **PR: WINCHESTER LR**

BULLET	POWDER	GR	VEL	CUP
150 GR. SIE SP				**COL: 3.340"**
	H1000	85.0 C	3255	52,200 CUP
	IMR 7828	80.0C	3148	55,600 PSI
	Supreme 780	81.0	3264	62,500 PSI
	H4831	78.0	3207	52,700 CUP
	Hybrid 100V	73.5	3289	62,700 PSI
	IMR 4831	78.0C	3289	63,300 PSI
	H4350	72.0	3205	52,500 CUP
	H414	68.0	3145	52,500 CUP
	IMR 4350	74.0	3254	61,500 PSI
	760	68.0	3145	52,500 CUP
	IMR 4007 SSC	71.0	3185	61,400 PSI
	H380	65.0	3031	52,200 CUP
	Varget	60.0	3108	51,400 CUP

*Max loads that show an asterik following the "C" for compressed load will not fit with standard 7828. Reduce by 4%.

BULLET	POWDER	GR	VEL	CUP
	IMR 4064	65.5	3205	62,200 PSI
	IMR 4895	65.5	3196	62,300 PSI
	H4895	61.0	3124	52,500 CUP
	Trail Boss	25.5	1687	28,600 PSI
180 GR. SPR MT-SP				**COL: 3.285"**
	US869	88.0	2892	56,800 PSI
	H1000	81.0 C	3042	52,900 CUP
	IMR 7828	78.5C	3034	62,000 PSI
	Supreme 780	72.5	2920	59,100 PSI
	H4831	73.0 C	2966	53,200 CUP
	Hybrid 100V	67.7	2998	62,400 PSI
	IMR 4831	74.0C	3025	63,200 PSI
	H4350	67.0	2918	53,100 CUP
	H414	62.0	2845	52,300 CUP
	IMR 4350	71.0	2974	61,200 PSI
	760	62.0	2845	52,300 CUP
200 GR. NOS PART				**COL: 3.340"**
	US869	85.0	2712	51,800 PSI
	RETUMBO	84.0 C	2962	52,300 CUP
	H1000	79.0 C	2883	52,800 CUP
	IMR 7828	76.0C	2851	58,400 PSI
	Supreme 780	73.5	2870	62,700 PSI
	H4831	72.0 C	2825	53,100 CUP
	Hybrid 100V	66.0	2820	59,400 PSI
	IMR 4831	72.5C	2859	60,900 PSI
	H4350	66.0	2753	51,700 CUP
	IMR 4350	69.5	2860	62,600 PSI

300 WEATHERBY MAGNUM

BBL: 24" — **CASE: REMINGTON** — **PR: FEDERAL 215 M**

BULLET	POWDER	GR	VEL	CUP
150 GR. BAR TSX				**COL: 3.570"**
	H1000	88.0C	3220	49,900 CUP
	IMR 7828 SSC	86.5C*	3400	54,200 CUP
	Supreme 780	85.5	3328	50,000 CUP
	H4831	84.0C	3275	52,900 CUP
	Hybrid 100V	76.5	3310	49,100 CUP
	IMR 4831	82.7C	3437	54,100 CUP
	H4350	76.5	3310	53,800 CUP
	H414	72.5	3201	53,000 CUP
	IMR 4350	79.5	3396	54,300 CUP
	IMR 4007 SSC	73.0	3197	52,800 CUP
	H380	69.5	3142	53,800 CUP
	Varget	64.5	3155	54,000 CUP
	IMR 4064	67.0	3244	51,900 CUP
	IMR 4895	66.0	3214	53,100 CUP
	H4895	61.5	3112	54,100 CUP
	Trail Boss	27.5	1656	28,900 CUP
180 GR. SPR BTSP				**COL: 3.560"**
	H1000	88.5C	3151	53,500 CUP
	IMR 7828	80.5	3064	53,400 CUP
	Supreme 780	82.5	3127	53,100 CUP
	H4831	81.5	3096	54,000 CUP
	Hybrid 100V	77.0	3171	54,600 CUP
	IMR 4831	75.5	2997	53,500 CUP
	H4350	73.5	3022	54,000 CUP
	H414	71.5	2984	53,000 CUP
	IMR 4350	72.6	3018	53,000 CUP
	760	71.5	2984	53,000 CUP
	IMR 4007 SSC	71.0	2986	53,300 CUP
	H380	67.0	2896	54,000 CUP
200 GR. SFT				**COL: 3.510"**
	Retumbo	85.5C	2981	54,400 CUP
	H1000	85.0C	2963	53,400 CUP
	IMR 7828	78.3	2872	53,800 CUP
	Supreme 780	74.0	2808	50,700 CUP
	H4831	77.5	2869	52,900 CUP
	Hybrid 100V	73.0	2906	53,200 CUP
	IMR 4831	73.0	2806	53,400 CUP
	H4350	71.0	2866	54,300 CUP
	IMR 4350	70.5	2807	52,800 CUP

300 REM. ULTRA MAG.

BBL: 24" — **CASE: REMINGTON** — **PR: REMINGTON 9 1/2M**

BULLET	POWDER	GR	VEL	CUP
150 GR. SIE SPBT				**COL: 3.530"**
	Retumbo	106.0 C	3531	60,800 PSI
	H1000	102.0	3457	62,900 PSI
	IMR 7828	92.0	3319	63,000 PSI
	H4831	94.0	3408	62,900 PSI
	IMR 4831	90.5	3380	63,700 PSI
	IMR 4350	86.7	3362	63,500 PSI
180 GR. SPR SPBT				**COL: 3.530"**
	US869	107.0	3070	57,300 PSI
	H50BMG	108.0 C	3159	62,100 PSI
	Retumbo	100.5 C	3300	62,400 PSI
	H1000	96.0	3218	62,800 PSI
	IMR 7828	86.5	3069	63,200 PSI
	H4831	89.0	3167	62,500 PSI
	IMR 4831	83.0	3075	63,200 PSI
	IMR 4350	81.0	3071	63,200 PSI
200 GR. NOS AB				**COL: 3.600"**
	H50BMG	102.0C	2950	58,900 PSI
	Retumbo	95.5C	3048	62,400 PSI
	H1000	92.5	2975	62,800 PSI
	IMR 7828	82.0	2857	61,800 PSI
	H4831	85.0	2953	63,600 PSI

30-378 WEATHERBY

BBL: 26" — **CASE: WEATHERBY** — **PR: FEDERAL 215 M**

BULLET	POWDER	GR	VEL	CUP
180 GR. SPR SPBT				**COL: 3.600"**
	US869	120.0	3302	47,100 CUP
	H50BMG	120.0 C	3229	47,100 CUP
	Retumbo	113.0 C	3460	54,700 CUP
	H1000	111.0	3412	54,300 CUP
	IMR 7828	98.0	3284	52,400 CUP
	IMR 4831	96.0	3292	53,800 CUP
	H4831	100.0	3301	54,500 CUP
200 GR. BAR XFB				**COL: 3.645"**
	US869	118.0	3206	52,500 CUP
	H50BMG	117.0 C	3227	54,800 CUP
	IMR 7828	94.5	3053	55,000 CUP
220 GR. NOS PART				**COL: 3.600"**
	US869	117.0	3134	51,400 CUP
	H50BMG	118.5 C	3145	53,700 CUP
	Retumbo	107.5	3155	55,000 CUP
	H1000	104.0	3084	53,700 CUP
	IMR 7828	91.0	2930	52,600 CUP

7.62 X 39MM RUSSIAN

BBL: 24" — **CASE: MIDWAY** — **PR: CCI 200**

BULLET	POWDER	GR	VEL	CUP
125 GR. SPR SP				**COL: 2.150"**
	BL-C(2)	31.5	2349	38,800 CUP
	H335	31.5	2408	40,900 CUP
	H4895	29.0	2249	33,600 CUP
	H322	29.0	2323	35,400 CUP
	IMR 4198	24.0	2250	42,500 CUP
	H4198	26.5	2378	40,400 CUP
	IMR 4227	18.5	1995	44,100 CUP
150 GR. HDY SP				**COL: 2.220"**
	BL-C(2)	29.5	2090	40,400 CUP
	H335	29.0	2132	42,500 CUP
	H4895	28.0	2154	39,300 CUP
	H322	28.5	2192	40,400 CUP
	IMR 4198	22.5	2070	43,600 CUP
	H4198	24.5	2122	39,800 CUP

303 BRITISH

BBL: 24" — **CASE: REMINGTON** — **PR: FEDERAL 210**

BULLET	POWDER	GR	VEL	CUP
150 GR. HDY SP				**COL: 2.995"**
	Varget	43.0	2656	42,700 CUP
	IMR 4064	44.7	2699	46,400 PSI
	BL-C(2)	48.0	2756	39,200 CUP
	IMR 4895	44.2	2689	46,600 PSI
	H335	42.0	2706	43,100 CUP
	H4895	40.0	2627	43,600 CUP
	IMR 3031	41.0	2632	46,100 PSI
180 GR. SIE SP				**COL: 3.075"**
	Hybrid 100V	46.0C	2384	41,700 CUP
	H4350	48.0C	2500	43,800 CUP
	H414	46.0	2435	42,500 CUP
	760	46.0	2435	42,500 CUP
	IMR 4007 SSC	46.0C	2430	40,900 CUP
	Varget	41.0	2440	43,400 CUP
	IMR 4064	41.1	2400	45,700 PSI
	BL-C(2)	45.0	2563	43,000 CUP
	IMR 4895	41.0	2399	46,100 PSI
	H335	39.0	2449	42,700 CUP
	H4895	38.0	2400	43,500 CUP
	IMR 3031	38.3	2341	46,500 PSI

8 X 57MM MAUSER

BBL: 24" — **CASE: REMINGTON** — **PR: REMINGTON 9 1/2**

BULLET	POWDER	GR	VEL	CUP
150 GR. HDY SP				**COL: 2.950"**
	IMR 4007 SSC	54.5	2791	40,800 CUP
	Varget	52.4C	2896	49,000 CUP
	IMR 4320	50.5	2818	48,800 CUP
	IMR 4064	49.5	2839	46,200 CUP
	BL-C(2)	55.0	2962	48,400 CUP
	IMR 4895	49.5	2847	48,000 CUP
	H335	50.8	2942	48,800 CUP
	H4895	51.0	2987	49,500 CUP
	IMR 3031	46.5	2815	47,300 CUP
	Benchmark	47.5	2860	48,800 CUP
170 GR. HDY RN				**COL: 2.825"**
	IMR 4007 SSC	54.5C	2726	45,600 CUP
	Varget	50.5	2700	48,700 CUP
	IMR 4320	49.8	2680	49,200 CUP
	IMR 4064	48.7	2706	49,300 CUP
	748	54.0	2832	48,500 CUP
	BL-C(2)	53.5	2839	48,800 CUP
	IMR 4895	48.0	2647	47,900 CUP
	H335	49.2	2738	48,800 CUP
	H4895	49.0	2769	48,700 CUP
	IMR 3031	45.5	2640	47,500 CUP
	Benchmark	46.6	2679	49,100 CUP

325 WINCHESTER SHORT MAG.

BBL: 24" — **CASE: WINCHESTER** — **PR: WINCHESTER LRM**

BULLET	POWDER	GR	VEL	CUP
180 GR. NOS BT				**COL: 2.840"**
	H4831	65.8C	2930	62,800 PSI
	Hybrid 100V	66.0C	2936	59,200 PSI
	IMR 4831	68.5 C	2927	61,100 PSI
	H4350	65.5	2957	62,200 PSI
	H414	65.5	2946	62,000 PSI
	IMR 4350	67.0 C	2954	62,500 PSI
	760	65.5	2946	62,000 PSI
	IMR 4007 SSC	65.0 C	2979	62,800 PSI
	H380	64.0	2925	63,100 PSI
	Varget	58.0	2873	62,700 PSI
	IMR 4320	59.5	2896	62,900 PSI
	IMR 4064	58.0	2865	60,100 PSI
	BL-C(2)	61.0	2936	62,300 PSI
	IMR 4895	58.7	2906	62,700 PSI
	H4895	54.6	2820	60,300 PSI
200 GR. BAR XLC				**COL: 2.860"**
	IMR 7828	71.0 C*	2784	61,600 PSI
	IMR 4831	69.5 C	2788	58,200 PSI
	H4350	67.0	2843	62,900 PSI
	H414	65.0	2827	63,400 PSI
	IMR 4350	67.5 C	2818	62,100 PSI
	760	65.0	2827	63,400 PSI
	H380	64.8	2777	60,000 PSI
	Varget	59.0	2762	62,300 PSI
	IMR 4320	60.0	2771	62,700 PSI
	BL-C(2)	60.5	2799	63,600 PSI
	IMR 4895	58.7	2759	61,400 PSI
	H4895	57.3	2739	62,200 PSI
220 GR. SFT SP				**COL: 2.845"**
	IMR 7828	66.5 C*	2643	61,500 PSI
	H4831	67.0C	2638	61,300 PSI

*Max loads that show an asterik following the "C" for compressed load will not fit with standard 7828. Reduce by 4%.

BULLET	POWDER	GR	VEL	CUP
	Hybrid 100V	61.0C	2644	60,000 PSI
	IMR 4831	66.0 C	2706	54,900 PSI
	H4350	67.0	2843	62,900 PSI
	H414	61.5	2669	63,200 PSI
	IMR 4350	63.5C	2647	60,600 PSI
	760	61.5	2669	63,200 PSI
	IMR 4007 SSC	61.7	2778	60,900 PSI
	H380	60.0	2627	63,600 PSI
	Varget	54.0	2569	62,400 PSI
	IMR 4320	55.0	2564	61,900 PSI
	IMR 4064	54.0	2585	63,000 PSI
	BL-C(2)	57.3	2622	62,100 PSI
	IMR 4895	54.3	2578	61,700 PSI
	H4895	52.5	2556	63,100 PSI

338 FEDERAL

BBL: 24" — CASE: FEDERAL — PR: FEDERAL 210

BULLET	POWDER	GR	VEL	CUP
180 GR. NOS AB				**COL: 2.810"**
	748	51.0	2746	51,100 PSI
	BL-C(2)	50.0	2648	47,500 PSI
	IMR 4895	47.0 C	2624	50,900 PSI
	H335	47.0	2712	53,900 PSI
	H4895	47.0 C	2682	50,800 PSI
	IMR 3031	45.0 C	2705	55,200 PSI
	Benchmark	47.0 C	2768	61,300 PSI
	H322	45.5 C	2743	59,700 PSI
185 GR. BAR TSX				**COL: 2.800"**
	Varget	47.0 C	2607	54,700 PSI
	IMR 4064	45.0C	2584	53,400 PSI
	748	49.0	2665	53,100 PSI
	BL-C(2)	49.0	2597	51,100 PSI
	IMR 4895	45.0C	2541	51,400 PSI
	H335	46.0	2679	56,700 PSI
	H4895	46.5 C	2690	58,200 PSI
	IMR 3031	44.0C	2666	60,000 PSI
	Benchmark	44.0 C	2637	60,100 PSI
	H322	43.3 C	2645	59,700 PSI
210 GR. SFT SCIR				**COL: 2.820"**
	Varget	46.0 C	2503	56,500 PSI
	IMR 4064	43.0C	2394	48,800 PSI
	748	45.7	2534	56,300 PSI
	BL-C(2)	47.0	2548	59,100 PSI
	IMR 4895	45.0C	2482	53,900 PSI
	H335	41.7	2469	57,400 PSI
	H4895	45.0 C	2551	58,100 PSI
	IMR 3031	42.5C	2499	57,000 PSI
	Benchmark	46.0 C	2514	60,800 PSI
	H322	42.3 C	2511	59,200 PSI

338 RUGER COMPACT MAGNUM

BBL: 24" — CASE: HORNADY — PR: WINCHESTER LRM

BULLET	POWDER	GR	VEL	CUP
185 GR. BAR TSX				**COL: 2.800"**
	Varget	57.0C	2867	62,900 PSI
	IMR 4320	56.0C	2839	61,800 PSI
	IMR 4064	55.2C	2864	62,400 PSI
	748	59.5	2937	62,300 PSI
	BL-C(2)	61.0	2947	62,000 PSI
	IMR 4895	55.5	2863	63,100 PSI
	H335	54.4	2874	62,700 PSI
	H4895	54.8C	2852	60,600 PSI
	IMR 3031	51.5C	2816	63,000 PSI
200 GR. HDY SP				**COL: 2.830"**
	H414	63.0	2817	58,500 PSI
	IMR 4007 SSC	62.0C	2809	62,300 PSI
	Varget	57.0C	2798	64,000 PSI
	IMR 4320	56.5	2777	62,400 PSI
	IMR 4064	55.0	2772	62,300 PSI
	748	59.4	2844	61,600 PSI
	BL-C(2)	61.0	2870	62,500 PSI
	IMR 4895	56.0	2800	63,200 PSI
	H335	54.2	2775	62,200 PSI
	H4895	55.3	2803	63,600 PSI
	IMR 3031	51.7	2735	63,000 PSI
225 GR. HDY IB				**COL: 2.830"**
	H414	60.0	2639	58,000 PSI
	IMR 4007 SSC	59.0C	2619	58,700 PSI
	Varget	53.3	2601	62,200 PSI
	IMR 4320	53.5	2607	62,800 PSI
	IMR 4064	53.5	2630	62,300 PSI
	748	56.0	2654	61,200 PSI
	BL-C(2)	58.0	2689	61,500 PSI
	IMR 4895	53.5C	2628	62,600 PSI
	H335	52.0	2620	62,900 PSI
	H4895	52.3	2619	63,300 PSI
	IMR 3031	50.0	2584	63,800 PSI

338 WINCHESTER MAGNUM

BBL: 24" — CASE: WINCHESTER — PR: WIN WLR MAG

BULLET	POWDER	GR	VEL	CUP
210 GR. NOS PART				**COL: 3.280"**
	IMR 7828	78.0C*	2895	52,600 CUP
	H4831	75.5 C	2888	52,300 CUP
	Hybrid 100V	72.0C	2887	48,400 CUP
	IMR 4831	73.0C	2877	50,600 CUP
	H4350	70.0	2855	51,800 CUP
	H414	67.0	2848	51,800 CUP
	IMR 4350	71.5C	2894	52,800 CUP
	760	67.0	2848	51,800 CUP
	H380	66.0	2797	53,000 CUP
	Varget	58.5	2784	52,500 CUP
	IMR 4064	62.0	2843	53,300 CUP
	IMR 4895	62.0	2809	52,500 CUP
	H4895	60.0	2788	53,000 CUP
250 GR. HDY SP				**COL: 3.340"**
	H1000	76.0 C	2622	46,500 CUP
	IMR 7828	75.0C*	2628	51,800 CUP
	Supreme 780	73.0	2612	49,300 CUP
	H4831	71.5 C	2655	52,300 CUP
	Hybrid 100V	68.0C	2643	50,500 CUP
	IMR 4831	71.6C	2632	52,400 CUP
	H4350	67.5	2657	51,900 CUP
	H414	65.0	2622	52,900 CUP
	IMR 4350	69.5C	2634	52,400 CUP
	760	65.0	2622	52,900 CUP
	IMR 4064	58.5	2518	52,700 CUP
	IMR 4895	59.0	2529	53,200 CUP

338 LAPUA MAGNUM

BBL: 24" — CASE: NORMA — PR: FEDERAL 215M

BULLET	POWDER	GR	VEL	CUP
210 GR. NOS PART				**COL: 3.525"**
	Retumbo	102.0 C	3142	52,600 CUP
	H1000	99.5	3052	52,500 CUP
	IMR 7828	93.4	3099	52,900 CUP
	H4831	89.0	3006	53,000 CUP
	Hybrid 100V	84.0	2948	52,500 CUP
	IMR 4831	88.5	3076	53,500 CUP
	H4350	82.0	3005	52,200 CUP
	IMR 4350	85.0	3034	51,900 CUP
250 GR. HDY SP				**COL: 3.550"**
	US869	108.0	2879	51,100 CUP
	Retumbo	98.0 C	2853	52,000 CUP
	H1000	98.0 C	2838	52,800 CUP
	IMR 7828	88.5	2802	52,100 CUP
	Supreme 780	90.0	2841	50,600 CUP
	H4831	85.0	2740	52,200 CUP
	Hybrid 100V	81.0	2765	52,200 CUP
	IMR 4831	85.0	2801	52,900 CUP
	H4350	78.0	2742	52,300 CUP
300 GR. SIE HPBT				**COL: 3.600"**
	US 869	104.0	2677	51,500 CUP
	Retumbo	94.0 C	2654	53,400 CUP
	H1000	92.0 C	2590	53,000 CUP
	IMR 7828	81.0	2566	53,000 CUP
	Supreme 780	84.0	2593	50,600 CUP
	H4831	79.0	2511	53,100 CUP
	IMR 4831	76.0	2541	53,300 CUP

375 H&H MAGNUM

BBL: 24" — CASE: WINCHESTER — PR: FEDERAL 215 M

BULLET	POWDER	GR	VEL	CUP
235 GR. SPR SP				**COL: 3.600"**
	H414	83.0	2749	42,600 CUP
	760	83.0	2749	42,600 CUP
	H380	81.0	2835	46,800 CUP
	Varget	70.0	2819	51,200 CUP
	BL-C(2)	85.0	2964	47,100 CUP
	H335	74.0	2853	50,000 CUP
	H4895	74.0	2895	50,400 CUP
	Trail Boss	26.3	1144	
270 GR. WIN FS				**COL: 3.600"**
	IMR 4831	82.5C	2690	50,700 CUP
	H4350	83.0 C	2694	46,800 CUP
	H414	78.0	2576	45,500 CUP
	IMR 4350	78.5C	2710	53,000 CUP
	760	78.0	2576	45,500 CUP
	H380	78.0	2632	46,600 CUP
	Varget	67.0	2620	51,600 CUP
	IMR 4320	66.5	2545	52,000 CUP
	IMR 4064	69.0	2655	52,500 CUP
	IMR 4895	65.0	2565	53,000 CUP
	H4895	68.0	2624	50,500 CUP
	IMR 3031	65.5	2610	53,000 CUP
	SR 4759	41.5	2085	53,000 CUP
300 GR. SIE SPBT				**COL: 3.600"**
	Hybrid 100V	72.0C	2400	47,400 CUP
	IMR 4831	80.0C	2560	48,300 CUP
	H4350	81.5 C	2645	49,500 CUP
	H414	78.0	2548	46,800 CUP
	IMR 4350	78.0C	2620	52,700 CUP
	760	78.0	2548	46,800 CUP
	Varget	62.0	2454	49,300 CUP
	IMR 4064	67.0	2525	52,500 CUP
	H4895	65.0	2505	50,400 CUP
	SR 4759	39.0	1925	53,000 CUP

375 RUGER

BBL: 24" — CASE: HORNADY — PR: WINCHESTER LRM

BULLET	POWDER	GR	VEL	CUP
250 GR. SFT SP				**COL: 3.270"**
	Hybrid 100V	83.0C	2896	57,200 PSI
	IMR 4831	84.5C	2829	58,700 PSI
	H4350	82.5	2834	59,000 PSI
	IMR 4350	82.0	2811	59,200 PSI
	760	80.3	2838	59,400 PSI
	IMR 4007 SSC	79.5	2806	58,000 PSI
	H380	78.5	2812	59,400 PSI
	Varget	72.0	2773	59,000 PSI
	IMR 4064	71.0	2763	58,900 PSI
270 GR. HDY SP				**COL: 3.310"**
	Supreme 780	90.5	2745	59,800 PSI
	Hybrid 100V	82.0C	2759	55,900 PSI
	IMR 4831	85.0C	2724	54,800 PSI
	H4350	83.5C	2783	58,400 PSI
	H414	80.5	2757	59,300 PSI
	IMR 4350	83.0C	2758	57,200 PSI
	760	80.5	2757	59,300 PSI
	IMR 4007 SSC	79.6	2771	60,000 PSI
300 GR. HDY RN				**COL: 3.280"**
	Supreme 780	88.0	2626	59,000 PSI
	H4831	88.0C	2611	57,800 PSI
	Hybrid 100V	78.5	2645	59,100 PSI
	H4350	80.7	2660	59,600 PSI
	H414	79.5	2642	60,100 PSI
	760	79.5	2642	60,100 PSI
	IMR 4007 SSC	76.5	2603	59,000 PSI

444 MARLIN

BBL: 24" — CASE: REMINGTON — PR: REMINGTON 9 1/2

BULLET	POWDER	GR	VEL	CUP
240 GR. SIE JHP				**COL: 2.535"**
	IMR 4895	56.0C	2200	38,600 CUP
	H335	56.0	2222	38,900 CUP
	H4895	53.0C	2069	33,100 CUP

RIFLE data

BULLET	POWDER	GR	VEL	CUP
	IMR 3031	54.5C	2175	35,900 CUP
	Benchmark	55.0C	2234	40,600 CUP
	H322	52.0C	2185	35,900 CUP
	IMR 4198	47.0	2335	44,000 CUP
	H4198	49.2C	2499	42,100 CUP
	SR 4759	33.0	2055	43,600 CUP
265 GR. HDY JFP				**COL: 2.550"**
	H335	56.0	2187	39,700 CUP
	H4895	53.0C	2080	34,800 CUP
	Benchmark	53.0C	2139	40,700 CUP
	H322	52.0C	2164	38,300 CUP
	H4198	47.0	2273	41,100 CUP
300 GR. SFT HP				**COL: 2.620"**
	Varget	50.0C	1914	35,700 CUP
	H335	52.0	2023	42,300 CUP
	H4895	50.0C	1931	35,600 CUP
	Benchmark	48.5	1993	41,900 CUP
	H322	48.0	2038	42,600 CUP
	H4198	42.5	2082	42,500 CUP

45-70 GOVERNMENT (TRAPDOOR RIFLE)*

BBL: 24" — **CASE: WINCHESTER** — **PR: CCI 200**

BULLET	POWDER	GR	VEL	CUP
300 GR. SIE HP				**COL: 2.525"**
	Varget	63.0 C	2020	23,800 CUP
	IMR 4064	60.5C	1992	25,100 CUP
	IMR 4895	61.0C	1968	23,900 CUP
	H335	63.5	2143	27,400 CUP
	H4895	62.0 C	1974	21,000 CUP
	IMR 3031	59.5C	2021	22,000 CUP
	Benchmark	63.5 C	2113	27,400 CUP
	H322	60.0	2142	28,000 CUP
	IMR 4198	48.0	2138	27,800 CUP
	H4198	55.0	2221	27,600 CUP
405 GR. CAST LFP				**COL: 2.540"**
	Varget	50.0	1718	20,900 CUP
	IMR 4064	49.5	1660	23,200 CUP
	IMR 4895	48.5	1598	23,000 CUP
	H4895	48.0	1645	18,900 CUP
	IMR 3031	48.5	1706	21,100 CUP
	Benchmark	50.0	1695	22,600 CUP
	IMR 4198	32.0	1462	19,000 CUP
	H4198	31.0	1459	17,100 CUP
	Trail Boss	13.0	1007	25,600 CUP

450 MARLIN

BBL: 24" — **CASE: HORNADY** — **PR: WINCHESTER LR**

BULLET	POWDER	GR	VEL	CUP
350 GR. HDY JFP				**COL: 2.530"**
	IMR 3031	56.0C	2030	38,000 PSI
	Benchmark	59.0C	2129	38,600 PSI
	H322	58.0C	2196	42,300 PSI
	IMR 4198	45.0	2050	40,000 PSI
	H4198	48.5	2119	42,200 PSI
400 GR. SPR JFP				**COL: 2.520"**
	Varget	57.0C	1910	38,000 PSI
	H335	55.0	1953	41,600 PSI
	H4895	56.0C	1986	42,000 PSI
	IMR 3031	50.8C	1860	40,000 PSI
	Benchmark	55.0C	2010	42,500 PSI
	H322	52.5C	2023	41,900 PSI
	IMR 4198	40.0	1820	40,000 PSI
	H4198	45.5	1958	42,600 PSI

458 WINCHESTER MAGNUM

BBL: 24" — **CASE: WINCHESTER** — **PR: CCI 250**

BULLET	POWDER	GR	VEL	CUP
350 GR. SPR SP				**COL: 3.105"**
	H4895	80.0C	2496	38,700 CUP
	Benchmark	79.0C	2468	42,400 CUP
	H322	80.0C	2589	49,400 CUP
	H4198	72.0	2548	51,600 CUP
400 GR. SFT SP				**COL: 3.220"**
	Varget	77.0C	2310	38,800 CUP
	H4895	77.0C	2349	42,500 CUP
	Benchmark	78.0C	2343	46,600 CUP
	H322	76.0C	2407	51,100 CUP
	H4198	67.0	2323	51,000 CUP
405 GR. CAST LFP				**COL: 2.910"**
	Trail Boss	21.0	1082	17,100 CUP
500 GR. HDY JRN				**COL: 3.310"**
	Varget	74.0C	2152	48,100 CUP
	748	73.0	2040	39,000 CUP
	H335	75.5	2163	50,300 CUP
	H4895	74.0C	2161	50,300 CUP
	Benchmark	73.0C	2123	50,300 CUP
	H322	69.5C	2109	52,000 CUP
	H4198	58.5	1987	51,100 CUP
510 GR. WIN SP				**COL: 3.340"**
	IMR 4320	74.0C	2070	51,500 CUP
	IMR 4064	71.0C	2020	41,300 CUP
	748	75.0	2065	41,000 CUP
	IMR 4895	72.5	2100	53,000 CUP
	IMR 3031	69.0C	2030	43,900 CUP
	IMR 4198	44.5	1645	52,400 CUP

50 BROWNING MACHINE GUN

BBL: 45" — **CASE: FNB** — **PR: CCI 35**

BULLET	POWDER	GR	VEL	CUP
650 GR. M-33				**COL: 5.425"**
	US869	265.0	3155	
655 GR. ADI FMJ				**COL: 5.450"**
	H50BMG	248.0	3029	
750 GR. HDY A-MAX				**COL: 5.450"**
	US869	250.0	2944	
	H50BMG	233.0	2800	
800 GR. BAR SOLID				**COL: 5.630"**
	US869	250.0	2895	
	H50BMG	225.0	2725	

NOTES

223 REMINGTON
BBL: 15" — CASE: WINCHESTER — PR: WINCHESTER SR

BULLET	POWDER	GR	VEL	CUP
40 GR. NOS BT				**COL: 2.280"**
	VARGET	28.0 C	3069	47,200 CUP
	BL-C(2)	28.5	2910	45,400 CUP
	H335	28.0	3231	44,600 CUP
	H4895	27.5 C	3060	44,500 CUP
	BENCHMARK	27.3	3174	51,000 CUP
	H322	25.5	3087	48,000 CUP
	H4198	22.5	3014	49,600 CUP
50 GR. SPR SP				**COL: 2.210"**
	VARGET	27.5 C	2959	44,800 CUP
	BL-C(2)	28.0	2851	47,100 CUP
	H335	26.0	2834	51,700 CUP
	H4895	27.5 C	3024	51,300 CUP
	BENCHMARK	26.5	2953	50,400 CUP
	H322	24.0	2740	49,300 CUP
	H4198	21.5	2824	45,900 CUP
55 GR. SPR SP				**COL: 2.200"**
	VARGET	27.5 C	2972	49,700 CUP
	BL-C(2)	27.5	2816	48,500 CUP
	H335	25.3	2799	49,300 CUP
	H4895	26.0	2880	49,000 CUP
	BENCHMARK	25.6	2840	50,000 CUP
	H322	23.0	2638	48,900 CUP
	H4198	21.0	2719	47,600 CUP

32 H&R MAGNUM
BBL: 5" — CASE: FEDERAL — PR: FEDERAL 100

BULLET	POWDER	GR	VEL	CUP
85 GR. HDY HP				**COL: 1.290"**
	H4227	9.5	1151	21,000 CUP
	LIL'GUN	12.0	1263	16,800 CUP
	LONGSHOT	5.0	1167	20,200 CUP
	HS-6	5.6	1146	20,200 CUP
	AutoComp	4.6	1114	19,200 CUP
	UNIVERSAL	4.3	1123	19,000 CUP
	231	3.8	1003	20,700 CUP
	HP-38	3.8	1003	20,700 CUP
	TITEGROUP	3.7	1110	20,900 CUP
90 GR. SIE JHP				**COL: 1.340"**
	H4227	10.0	1079	17,000 CUP
	LIL'GUN	11.5	1227	18,000 CUP
	LONGSHOT	5.0	1139	19,500 CUP
	HS-6	6.0	1140	20,200 CUP
	AutoComp	4.5	1082	20,300 CUP
	UNIVERSAL	4.0	1072	20,000 CUP
	HP-38	4.0	1033	20,300 CUP
100 GR. SPR JHP				**COL: 1.345"**
	H4227	10.0	1060	19,300 CUP
	LIL'GUN	11.0	1208	19,900 CUP
	LONGSHOT	4.7	1056	19,300 CUP
	HS-6	5.4	1023	20,200 CUP
	AutoComp	4.2	964	18,900 CUP
	UNIVERSAL	3.7	973	19,900 CUP
	231	3.7	947	19,400 CUP
	HP-38	3.7	947	19,400 CUP
	TITEGROUP	3.3	956	19,900 CUP

327 FEDERAL MAGNUM
BBL: 5" — CASE: FEDERAL — PR: FEDERAL 200 PISTOL

BULLET	POWDER	GR	VEL	CUP
85 GR. HDY XTP				**COL: 1.450"**
	Longshot	7.2	1549	41,800 PSI
	800-X	7.5	1548	36,700 PSI
	SR 4756	7.1	1451	37,800 PSI
	HS-6	8.5	1561	41,600 PSI
	AutoComp	7.0	1518	42,100 PSI
	Universal	6.0	1378	38,700 PSI
	WSF	7.0	1475	38,200 PSI
	231	6.0	1416	39,800 PSI
	HP-38	6.0	1416	39,800 PSI
	Titegroup	5.8	1438	37,600 PSI
90 GR. SIE JHC				**COL: 1.460"**
	Longshot	7.3	1512	42,600 PSI
	800-X	7.2	1446	31,700 PSI
	SR 4756	7.4	1486	40,500 PSI
	HS-6	8.8	1491	36,400 PSI
	AutoComp	7.2	1493	42,900 PSI
	Universal	5.7	1372	40,900 PSI
	WSF	6.6	1426	41,900 PSI
	231	6.1	1415	43,000 PSI
	HP-38	6.1	1415	43,000 PSI
	Titegroup	5.7	1402	39,600 PSI
100 GR. HDY XTP				**COL: 1.450"**
	IMR 4227	12.5C	1318	30,000 PSI
	296	13.2	1525	38,500 PSI
	H110	13.2	1525	38,500 PSI
	Lil'Gun	14.0	1431	27,900 PSI
	Longshot	6.7	1400	43,500 PSI
	800-X	6.9	1434	39,400 PSI
	SR 4756	6.6	1352	41,500 PSI
	HS-6	7.7	1384	42,000 PSI
	AutoComp	6.2	1328	41,400 PSI
	Universal	5.4	1250	40,800 PSI
	HP-38	5.4	1261	39,800 PSI
	Titegroup	5.2	1261	42,800 PSI

32-20 WINCHESTER
BBL: 5.5" — CASE: REMINGTON — PR: WINCHESTER SP

BULLET	POWDER	GR	VEL	CUP
85 GR. HDY JHP				**COL: 1.550"**
	LIL'GUN	8.0	1102	15,700 CUP
	TITEGROUP	3.5	961	15,900 CUP
100 GR. REM JFP				**COL: 1.580"**
	LIL'GUN	7.5	1018	15,700 CUP
	TITEGROUP	3.5	908	16,000 CUP

380 AUTO
BBL: 3.75" — CASE: REMINGTON — PR: CCI 500

BULLET	POWDER	GR	VEL	CUP
90 GR. HDY JHP				**COL: .955"**
	800-X	4.1	870	15,500 CUP
	SR 4756	3.6	880	15,500 CUP
	AutoComp	4.5	1012	15,000 CUP
	Universal	3.6	955	15,700 CUP
	231	3.5	957	15,400 CUP
	HP-38	3.5	957	15,400 CUP
	SR 7625	3.2	880	14,700 CUP
	PB	3.0	890	15,700 CUP
	Titegroup	3.2	970	15,600 CUP
	700-X	2.9	895	15,900 CUP
100 GR. HDY FMJ				**COL: .980"**
	800-X	4.0	840	14,700 CUP
	SR 4756	3.5	875	15,900 CUP
	AutoComp	4.2	934	14,400 CUP
	Universal	3.4	889	16,100 CUP
	231	3.1	843	15,400 CUP
	HP-38	3.1	843	15,400 CUP
	SR 7625	3.0	855	15,500 CUP
	PB	2.8	835	15,400 CUP
	Titegroup	3.0	912	14,700 CUP
	700-X	2.7	840	15,200 CUP

9MM LUGER
BBL: 4" — CASE: WINCHESTER — PR: CCI 500

BULLET	POWDER	GR	VEL	CUP
115 GR. SPR GDHP				**COL: 1.125"**
	700-X	4.2	1091	31,900 PSI
	Longshot	6.0	1203	32,300 PSI
	HS-6	7.0	1234	29,400 CUP
	AutoComp	5.6	1161	32,500 PSI
	Universal	5.0	1149	31,200 CUP
	231	5.1	1167	28,100 CUP
	HP-38	5.1	1167	28,100 CUP
	SR 7625	4.9	1113	32,300 PSI
	PB	4.0	1038	32,000 PSI
	Titegroup	4.8	1158	30,500 CUP
	Clays	3.9	1095	32,600 CUP
125 GR. SIE FMJ				**COL: 1.090"**
	Longshot	5.7	1162	33,400 PSI
	SR 4756	4.9	1037	28,700 PSI
	HS-6	6.8	1169	27,100 CUP
	AutoComp	5.2	1120	33,300 PSI
	Universal	4.9	1118	30,600 CUP
	231	4.8	1088	28,800 CUP
	HP-38	4.8	1088	28,800 CUP
	SR 7625	4.6	1074	33,700 PSI
	PB	3.6	974	33,500 PSI
	Titegroup	4.4	1136	30,600 CUP
	700-X	3.6	1007	31,000 PSI
	Clays	3.7	1056	32,500 CUP
147 GR. HDY XTP				**COL: 1.100"**
	Longshot	4.7	1004	33,800 PSI
	800-X	4.0	883	28,900 PSI
	SR 4756	3.6	834	29,900 PSI
	HS-6	5.0	885	27,900 CUP
	AutoComp	4.0	916	32,800 PSI
	Universal	3.3	869	31,000 CUP
	SR 7625	3.3	844	32,900 PSI
	Titegroup	3.6	929	27,500 CUP
	700-X	2.9	838	32,000 PSI

38 SUPER AUTO
BBL: 5" — CASE: REMINGTON — PR: REMINGTON 1 1/2

BULLET	POWDER	GR	VEL	CUP
115 GR. HDY XTP				**COL: 1.245"**
	Longshot	7.1	1301	31,600 CUP
	800-X	5.9	1015	21,900 CUP
	SR 4756	5.2	965	21,800 CUP
	HS-6	8.5	1314	31,500 CUP
	AutoComp	6.2	1238	32,000 CUP
	Universal	5.5	1225	32,300 CUP
	231	6.1	1261	32,700 CUP
	HP-38	6.1	1261	32,700 CUP
	SR 7625	4.5	955	21,800 CUP
	PB	4.0	955	22,500 CUP
	Titegroup	5.3	1208	31,800 CUP
	700-X	4.0	955	22,900 CUP
125 GR. SIE FMJ				**COL: 1.275"**
	LIL'GUN	14.0	1353	29,800 CUP
	Longshot	6.9	1247	32,600 CUP
	HS-6	8.3	1271	32,100 CUP
	AutoComp	6.2	1173	31,400 CUP
	Universal	5.5	1179	32,300 CUP
	231	5.7	1159	31,200 CUP
	HP-38	5.7	1159	31,200 CUP
	Titegroup	5.0	1124	31,800 CUP
130 GR. SIE FMJ				**COL: 1.275"**
	Longshot	6.8	1215	32,000 CUP
	HS-6	8.2	1231	32,500 CUP
	AutoComp	6.1	1144	31,900 CUP
	Universal	5.3	1124	32,200 CUP
	231	5.5	1134	31,200 CUP
	HP-38	5.5	1134	31,200 CUP
	Titegroup	4.9	1116	31,000 CUP
147 GR. HDY XTP				**COL: 1.275"**
	AutoComp	5.5	1056	32,900 CUP

38 SUPER AUTO +P
BBL: 5" — CASE: WINCHESTER — PR: WINCHESTER SP

BULLET	POWDER	GR	VEL	CUP
115 GR. JHP				**COL: 1.280"**
	WSF	7.1	1320	34,400 PSI
124 GR. FMJ				**COL: 1.280"**
	WSF	6.6	1245	34,600 PSI
130 GR. FMJ				**COL: 1.280"**
	WSF	6.3	1200	34,400 PSI
147 GR. JHP				**COL: 1.280"**
	WSF	5.6	1070	34,400 PSI

38 SPECIAL
BBL: 7.7" — CASE: WINCHESTER — PR: WINCHESTER SP

BULLET	POWDER	GR	VEL	CUP
125 GR. HDY XTP				**COL: 1.455"**
	SR 4756	6.0	1046	16,400 PSI
	HS-6	7.2	1048	16,600 CUP
	AutoComp	6.2	1068	16,500 PSI
	Universal	5.2	1019	17,000 CUP
	231	4.9	934	16,300 CUP
	HP-38	4.9	934	16,300 CUP
	SR 7625	5.1	999	16,300 PSI
	PB	4.1	926	15,700 PSI
	TITEGROUP	4.6	1010	15,600 CUP
	700-X	4.2	969	17,000 PSI
	CLAYS	3.9	937	16,100 CUP
140 GR. HDY XTP				**COL: 1.455"**
	HS-6	6.5	933	16,000 CUP
	AutoComp	5.5	989	16,600 PSI
	Universal	4.8	939	15,400 CUP
	231	4.6	861	15,800 CUP
	HP-38	4.6	861	15,800 CUP
	SR 7625	4.7	872	16,100 PSI
	PB	3.8	816	16,100 PSI
	Titegroup	4.2	919	15,800 CUP
	700-X	3.8	849	16,400 PSI
	Clays	3.7	869	16,700 CUP

BULLET	POWDER	GR	VEL	CUP
148 GR. HDY LHBWC				**COL: 1.160"**
	SR 4756	4.0	854	16,200 PSI
	HS-6	5.2	943	14,300 CUP
	AutoComp	4.1	881	15,200 PSI
	Universal	3.8	940	15,600 CUP
	231	4.0	956	15,900 CUP
	HP-38	4.0	956	15,900 CUP
	SR 7625	3.0	767	13,600 PSI
	PB	3.0	840	16,300 PSI
	WST	2.8	735	16,000 PSI
	Trail Boss	2.3	675	15,700 PSI
	Titegroup	3.3	908	11,800 CUP
	700-X	2.5	804	16,000 PSI
	Clays	2.5	836	13,200 CUP
158 GR. HDY XTP				**COL: 1.455"**
	H4227	10.0	864	15,500 CUP
	SR 4756	5.3	888	16,400 PSI
	HS-6	6.2	862	16,300 CUP
	AutoComp	4.9	865	16,800 PSI
	Universal	4.4	778	16,200 CUP
	231	4.3	779	15,900 CUP
	HP-38	4.3	779	15,900 CUP
	SR 7625	4.5	825	16,300 PSI
	PB	3.9	793	16,500 PSI
	Titegroup	3.9	798	15,900 CUP
	700-X	3.7	798	15,900 PSI
	Clays	3.1	721	16,600 CUP

38 SPECIAL +P

BBL: 7.7" — **CASE: WINCHESTER** — **PR: WINCHESTER SP**

NOTE: +P marked guns only

BULLET	POWDER	GR	VEL	CUP
125 GR. HDY XTP				**COL: 1.455"**
	LONGSHOT	7.0	1228	18,300 PSI
	SR 4756	6.1	1129	18,300 PSI
	HS-6	7.8	1138	19,500 CUP
	AutoComp	6.4	1073	17,600 PSI
	Universal	5.4	1072	18,900 CUP
	HP-38	5.3	1018	19,800 CUP
	SR 7625	5.2	1043	18,500 PSI
	PB	4.4	985	17,600 PSI
	Titegroup	5.0	1069	18,700 CUP
	700-X	4.4	1023	18,100 PSI
140 GR. HDY XTP				**COL: 1.455"**
	H4227	12.4	1121	19,400 CUP
	Longshot	6.4	1126	17,700 PSI
	SR 4756	5.6	983	17,800 PSI
	HS-6	7.0	992	18,300 CUP
	AutoComp	5.7	1031	18,000 PSI
	Universal	5.1	1022	19,100 CUP
	HP-38	4.9	892	18,600 CUP
	SR 7625	4.8	935	18,300 PSI
	PB	4.1	874	18,100 PSI
	Titegroup	4.6	984	19,300 CUP
	700-X	4.1	913	18,200 PSI
158 GR. HDY XTP				**COL: 1.455"**
	H4227	11.0	964	17,600 CUP
	LONGSHOT	5.5	965	17,000 PSI
	SR 4756	5.5	928	17,900 PSI
	HS-6	6.6	926	18,700 CUP
	AutoComp	5.0	885	17,000 PSI
	Universal	4.7	837	19,200 CUP
	HP-38	4.6	807	18,100 CUP
	SR 7625	4.7	881	17,800 PSI
	PB	4.1	836	17,900 PSI
	TITEGROUP	4.3	905	19,300 CUP
	700-X	4.0	866	18,500 PSI

357 MAGNUM

BBL: 10" — **CASE: WINCHESTER** — **PR: WINCHESTER SPM**

BULLET	POWDER	GR	VEL	CUP
125 GR. HDY XTP				**COL: 1.590"**
	H4227	20.0	1839	42,000 CUP
	296	22.0	1966	41,400 CUP
	H110	22.0	1966	41,400 CUP
	Longshot	9.7	1647	42,000 CUP
	SR 4756	7.8	1427	30,600 PSI
	HS-6	10.9	1629	42,100 CUP
	AutoComp	8.2	1455	31,700 PSI
	Universal	7.6	1453	39,600 CUP
	231	8.5	1514	42,700 CUP
	HP-38	8.5	1514	42,700 CUP
	SR 7625	7.5	1401	33,800 PSI
	Titegroup	7.5	1497	41,200 CUP
	700-X	6.4	1399	30,400 PSI
146 GR. SPR JHP				**COL: 1.535"**
	H4227	16.0	1566	42,700 CUP
	296	17.2	1691	42,600 CUP
	H110	17.2	1691	42,600 CUP
	Longshot	8.6	1483	42,600 CUP
	SR 4756	6.5	1218	27,700 PSI
	HS-6	9.5	1461	41,800 CUP
	AutoComp	7.1	1288	32,300 PSI
	Universal	6.5	1261	39,900 CUP
	231	7.1	1330	42,200 CUP
	HP-38	7.1	1330	42,200 CUP
	SR 7625	6.0	1183	30,000 PSI
	PB	4.7	1035	30,100 PSI
	Titegroup	6.6	1317	42,900 CUP
	700-X	5.7	1233	30,300 PSI
158 GR. HDY XTP				**COL: 1.580"**
	H4227	16.0	1520	42,600 CUP
	296	16.7	1591	40,700 CUP
	H110	16.7	1591	40,700 CUP
	Lil'Gun	18.0	1577	25,800 CUP
	Longshot	8.4	1394	43,200 CUP
	SR 4756	6.5	1146	29,900 PSI
	HS-6	9.5	1375	41,900 CUP
	AutoComp	7.0	1181	33,200 PSI
	Universal	6.3	1133	39,300 CUP
	231	6.9	1220	40,000 CUP
	HP-38	6.9	1220	40,000 CUP
	SR 7625	5.8	1075	29,600 PSI
	PB	4.9	984	31,700 PSI
	Titegroup	6.1	1229	41,900 CUP
	700-X	5.7	1149	31,200 PSI
180 GR. NOS PART				**COL: 1.575"**
	H4227	13.7	1308	40,900 CUP
	296	13.5	1396	39,100 CUP
	H110	13.5	1396	39,100 CUP
	Lil'Gun	15.0	1422	34,500 CUP
	Longshot	7.2	1167	41,700 CUP
	SR 4756	5.7	888	32,800 PSI
	AutoComp	5.9	997	33,700 PSI
	SR 7625	5.1	838	33,200 PSI
	Titegroup	5.5	1020	40,300 CUP
	700-X	4.7	846	32,500 PSI

40 S&W

BBL: 4" — **CASE: HORNADY** — **PR: WINCHESTER SP**

WARNING: This data is intended for use in firearms with barrels which fully support the cartridge in the chamber. Use of this data in firearms which do not fully support the cartridge may result in bulged cases, ruptured cases, case head separation, or other condition which may result in damage to the firearm and/or result in injury or death of the shooter and/or bystanders. Check with your firearm manufacturer if in doubt.

BULLET	POWDER	GR	VEL	CUP
135 GR. NOS JHP				**COL: 1.125"**
	Longshot	11.5	1434	31,900 PSI
	HS-6	10.2	1321	33,600 PSI
	AutoComp	8.8	1342	32,700 PSI
	Universal	6.8	1250	32,000 PSI
	WSF	7.8	1273	32,200 PSI
	231	7.0	1244	33,100 PSI
	HP-38	7.0	1244	33,100 PSI
	SR 7625	7.8	1273	32,000 PSI
	PB	6.2	1183	32,500 PSI
	WST	5.9	1143	31,200 PSI
	Titegroup	6.4	1251	33,200 PSI
	700-X	6.6	1263	32,200 PSI
	Clays	4.5	1071	32,900 PSI
180 GR. HDY XTP				**COL: 1.125"**
	Longshot	8.0	1159	32,300 PSI
	SR 4756	6.6	1018	28,800 PSI
	HS-6	6.9	976	32,500 PSI
	AutoComp	6.3	1053	33,200 PSI
	Universal	5.8	1046	33,400 PSI
	WSF	5.8	1013	32,900 PSI
	231	5.0	947	32,900 PSI
	HP-38	5.0	947	32,900 PSI
	SR 7625	5.7	999	31,700 PSI
	PB	4.5	917	30,400 PSI
	WST	4.3	888	32,400 PSI
	Titegroup	4.7	978	33,300 PSI
	700-X	4.8	966	32,500 PSI
	Clays	3.5	847	34,300 PSI
200 GR. HDY XTP				**COL: 1.125"**
	Longshot	6.0	954	32,500 PSI
	800-X	6.1	951	31,000 PSI
	SR 4756	5.5	910	32,900 PSI
	HS-6	6.3	900	32,800 PSI
	AutoComp	5.2	894	32,100 PSI
	Universal	4.7	903	33,600 PSI
	WSF	4.8	867	33,100 PSI
	231	4.7	857	33,400 PSI
	HP-38	4.7	857	33,400 PSI
	SR 7625	4.8	872	32,800 PSI
	PB	3.7	782	32,200 PSI
	WST	3.4	733	31,100 PSI
	Titegroup	3.8	822	31,700 PSI
	700-X	3.9	810	30,700 PSI

41 REMINGTON MAGNUM

BBL: 10.125" — **CASE: REMINGTON** — **PR: WINCHESTER LP**

BULLET	POWDER	GR	VEL	CUP
170 GR. SIE JHC				**COL: 1.575"**
	H4227	24.9	1745	35,600 CUP
	296	26.5	1887	37,400 CUP
	H110	26.5	1887	37,400 CUP
	Longshot	12.5	1646	38,700 CUP
	HS-6	13.7	1597	37,200 CUP
	Universal	10.3	1488	38,700 CUP
	HP-38	9.8	1440	38,300 CUP
	Titegroup	9.2	1470	37,700 CUP
	700-X	8.4	1375	39,800 CUP
220 GR. SPR JSP				**COL: 1.580"**
	H4227	20.0	1433	37,500 CUP
	296	20.0	1529	34,000 CUP
	H110	20.0	1529	34,000 CUP
	Lil'Gun	20.5	1563	31,200 CUP
	Longshot	10.1	1311	37,700 CUP
	HS-6	11.3	1271	36,700 CUP
	AutoComp	9.1	1221	38,300 CUP
	Universal	8.5	1178	38,600 CUP
	HP-38	8.0	1125	36,700 CUP
	Titegroup	7.3	1127	33,700 CUP

44 S&W SPECIAL

BBL: 8" — **CASE: STARLINE** — **PR: WINCHESTER LP**

BULLET	POWDER	GR	VEL	CUP
185 GR. CAST LRNFP				**COL: 1.400"**
	800-X	7.1	1031	12,700 CUP
	SR 4756	7.9	1050	14,000 CUP
	Universal	6.4	1031	13,900 CUP
	HP-38	5.6	953	12,500 CUP
	SR 7625	7.2	1043	13,600 CUP
	PB	6.1	1002	13,200 CUP
	Trail Boss	6.6	944	12,600 CUP
	Titegroup	5.5	1025	11,600 CUP
	700-X	5.4	1013	13,500 CUP
	Clays	4.2	930	13,200 CUP
240 GR. CAST LSWC				**COL: 1.450"**
	800-X	7.0	945	13,600 CUP
	SR 4756	7.4	921	13,300 CUP
	HS-6	8.0	917	13,000 CUP
	AutoComp	6.5	903	13,400 CUP
	Universal	5.6	873	13,300 CUP
	HP-38	5.2	858	13,200 CUP
	SR 7625	6.5	892	13,400 CUP
	PB	5.3	863	13,400 CUP
	Trail Boss	5.2	763	11,700 CUP
	Titegroup	4.8	862	13,100 CUP
	700-X	4.9	869	13,800 CUP
	Clays	4.0	771	13,500 CUP

44 REMINGTON MAGNUM

BBL: 8.275" — **CASE: WINCHESTER** — **PR: REMINGTON 2 1/2**

BULLET	POWDER	GR	VEL	CUP
200 GR. NOS JHP				**COL: 1.600"**
	IMR 4227	27.0	1686	37,800 CUP
	296	28.5	1806	37,800 CUP
	H110	28.5	1806	37,800 CUP
	Lil'Gun	29.5	1794	36,200 CUP
	Longshot	14.3	1534	34,600 PSI
	800-X	15.5	1600	39,800 CUP
	SR 4756	14.6	1475	39,800 CUP
	HS-6	16.7	1569	37,700 CUP
	AutoComp	13.2	1429	32,500 PSI
	Universal	11.1	1398	38,300 CUP
	231	11.9	1444	37,400 CUP
	HP-38	11.9	1444	37,400 CUP
	SR 7625	12.1	1350	39,700 CUP
	Titegroup	10.8	1433	38,400 CUP

BULLET	POWDER	GR	VEL	CUP
	700-X	10.1	1300	40,000 CUP
240 GR. NOS JHP				**COL: 1.600"**
	IMR 4227	24.0	1458	36,100 CUP
	296	24.0	1522	36,200 CUP
	H110	24.0	1522	36,200 CUP
	Lil'Gun	24.5	1582	38,100 CUP
	Longshot	12.1	1331	34,500 PSI
	800-X	14.2	1415	39,600 CUP
	SR 4756	13.3	1260	39,800 CUP
	HS-6	15.1	1417	38,200 CUP
	AutoComp	11.5	1250	34,100 PSI
	Universal	10.2	1246	38,200 CUP
	231	11.0	1272	37,800 CUP
	HP-38	11.0	1272	37,800 CUP
	Titegroup	10.0	1292	37,700 CUP
300 GR. HDY XTP				**COL: 1.600"**
	IMR 4227	20.0	1312	38,600 CUP
	296	19.0	1325	38,800 CUP
	H110	19.0	1325	38,800 CUP
	Lil'Gun	17.7	1280	37,600 CUP
	Longshot	9.5	1071	34,700 PSI
	HS-6	13.0	1214	37,900 CUP
	AutoComp	9.0	927	33,500 PSI
	Universal	9.6	1113	38,200 CUP
	231	10.0	1149	38,100 CUP
	HP-38	10.0	1149	38,100 CUP
	Titegroup	9.6	1186	38,400 CUP

45 ACP

BBL: 5" — **CASE: WINCHESTER** — **PR: FEDERAL 150**

BULLET	POWDER	GR	VEL	CUP
185 GR. HDY JSWC				**COL: 1.195"**
	Longshot	8.2	1044	17,000 CUP
	800-X	7.9	991	16,700 CUP
	SR 4756	8.2	991	16,700 CUP
	HS-6	9.5	996	16,800 CUP
	AutoComp	7.4	958	16,200 CUP
	Universal	6.4	977	16,800 CUP
	WSF	7.5	981	17,400 CUP
	231	5.9	906	15,800 CUP
	HP-38	5.9	906	15,800 CUP
	SR 7625	7.3	970	16,500 CUP
	PB	5.8	935	16,200 CUP
	WST	4.9	866	16,500 CUP
	Titegroup	5.5	956	17,000 CUP
	700-X	5.5	959	17,100 CUP
	Clays	4.9	981	17,400 CUP
200 GR. SPR JHP				**COL: 1.155"**
	Longshot	7.8	1013	16,900 CUP
	800-X	7.4	954	16,600 CUP
	SR 4756	7.6	941	14,200 CUP
	HS-6	9.0	948	16,400 CUP
	AutoComp	7.0	930	16,000 CUP
	Universal	6.2	949	17,200 CUP
	WSF	6.8	929	16,700 CUP
	231	5.9	906	16,700 CUP
	HP-38	5.9	906	16,700 CUP
	SR 7625	6.6	941	17,100 CUP
	PB	5.5	873	16,100 CUP
	WST	5.1	898	17,500 CUP
	Titegroup	5.2	884	16,900 CUP
	700-X	5.3	911	16,700 CUP
	Clays	4.3	785	17,700 CUP

BULLET	POWDER	GR	VEL	CUP
230 GR. HDY FMJ FP				**COL: 1.200"**
	Longshot	6.8	908	17,200 CUP
	800-X	7.0	900	16,900 CUP
	SR 4756	7.0	867	16,500 CUP
	HS-6	8.2	825	15,400 CUP
	AutoComp	6.6	871	17,100 CUP
	Universal	5.6	844	16,800 CUP
	WSF	6.4	851	15,700 CUP
	231	5.3	832	16,800 CUP
	HP-38	5.3	832	16,800 CUP
	SR 7625	6.0	848	16,600 CUP
	PB	5.0	807	16,500 CUP
	Titegroup	4.8	818	16,700 CUP
	700-X	4.9	842	16,600 CUP
	Clays	4.0	732	17,000 CUP

45 COLT

BBL: 7.25" — **CASE: WINCHESTER** — **PR: WINCHESTER LP**

BULLET	POWDER	GR	VEL	CUP
200 GR. CAST LRNFP				**COL: 1.600"**
	800-X	9.3	1042	13,500 PSI
	SR 4756	10.0	986	12,100 PSI
	UNIVERSAL	8.8	1067	13,600 CUP
	SR 7625	9.1	996	12,800 PSI
	PB	8.2	1053	12,800 PSI
	TITEGROUP	7.7	1050	12,700 CUP
	Trail Boss	6.5	855	11,000 PSI
	700-X	6.2	933	12,400 PSI
	231	8.0	1002	13,800 CUP
	HP-38	8.0	1002	13,800 CUP
	CLAYS	5.9	931	13,100 CUP
260 GR. SPR JHP				**COL: 1.595"**
	800-X	7.6	803	13,600 PSI
	SR 4756	8.6	772	12,900 PSI
	HS-6	10.7	865	14,000 CUP
	AutoComp	8.0	770	13,500 PSI
	UNIVERSAL	8.0	813	14,000 CUP
	SR 7625	7.5	759	13,500 PSI
	PB	6.3	723	13,400 PSI
	TITEGROUP	6.3	797	12,500 CUP
	231	7.1	787	14,000 CUP
	HP-38	7.1	787	14,000 CUP
	700-X	5.2	714	12,500 PSI
300 GR. SIE JFP				**COL: 1.670"**
	HS-6	10.0	730	13,700 CUP
	UNIVERSAL	7.3	700	13,700 CUP
	TITEGROUP	5.8	682	12,900 CUP

454 CASULL

BBL: 9.375" — **CASE: FREEDOM ARMS** — **PR: WINCHESTER SR**

BULLET	POWDER	GR	VEL	CUP
260 GR. FA JFP				**COL: 1.765"**
	H4227	33.0 C	1762	42,100 CUP
	H110	36.0	1954	51,600 CUP
	LIL'GUN	35.5	1895	37,900 CUP
	296	36.0	1954	51,600 CUP
260 GR. SPR JHP				**COL: 1.675"**
	LONGSHOT	15.0	1443	36,600 CUP
	HS-6	16.8	1420	36,400 CUP
	UNIVERSAL	11.5	1245	34,900 CUP
	TITEGROUP	11.0	1270	35,900 CUP
300 GR. FA JFP				**COL: 1.775"**
	H4227	31.0 C	1702	52,400 CUP
	H110	30.0	1716	53,700 CUP
	LIL'GUN	31.0	1746	45,000 CUP
	296	30.0	1716	53,700 CUP

460 S&W MAGNUM

BBL: 10.743" — **CASE: STARLINE** — **PR: WINCHESTER LRM**

BULLET	POWDER	GR	VEL	CUP
260 GR. NOS PART				**COL: 2.175"**
	H4227	43.0 C	2098	51,300 PSI
	H110	46.0	2178	54,000 PSI
	LIL'GUN	46.0	2080	43,400 PSI
	296	46.0	2178	54,000 PSI
300 GR. HDY XTP MAG.				**COL: 2.160"**
	H4227	40.0 C	1988	57,000 PSI
	H110	42.5	2034	56,100 PSI
	LIL'GUN	44.0	2067	53,600 PSI
	296	42.5	2034	56,100 PSI

480 RUGER

BBL: 7 1/2" — **CASE: HORNADY** — **PR: WINCHESTER LP**

BULLET	POWDER	GR	VEL	CUP
325 GR. HDY XTP				**COL: 1.620"**
	H4227	27.2	1477	45,600 PSI
	H110	27.0	1518	44,900 PSI
	LIL'GUN	25.1	1525	45,200 PSI
	296	27.0	1518	44,900 PSI
	LONGSHOT	14.5	1330	47,000 PSI
	TITEGROUP	10.7	1158	46,200 PSI
400 GR. HDY XTP				**COL: 1.620"**
	H4227	21.0	1211	46,100 PSI
	H110	20.5	1258	46,600 PSI
	LIL'GUN	18.0	1229	45,600 PSI
	296	20.5	1258	46,600 PSI
	LONGSHOT	11.0	1082	46,900 PSI
	TITEGROUP	8.5	959	46,800 PSI
	TRAIL BOSS	8.0	717	24,800 PSI

500 S&W MAGNUM

BBL:10" — **CASE: STARLINE** — **PR: WINCHESTER LR**

BULLET	POWDER	GR	VEL	CUP
275 GR. BAR XPB				**COL: 2.085"**
	H4227	44.0	2047	48,400 PSI
	H110	45.0	2082	49,300 PSI
	LIL'GUN	44.0	2137	50,800 PSI
	296	45.0	2082	49,300 PSI
	LONGSHOT	24.5	1824	48,900 PSI
	TITEGROUP	20.0	1707	50,300 PSI
350 GR. HDY XTP				**COL: 1.985"**
	H4227	42.5	1863	49,900 PSI
	H110	43.0	1877	50,600 PSI
	LIL'GUN	42.0	1912	48,100 PSI
	296	43.0	1877	50,600 PSI
	LONGSHOT	23.0	1602	50,000 PSI
	TITEGROUP	18.5	1461	50,000 PSI
400 GR. SIE JSP				**COL: 2.050**
	H4227	39.5	1698	49,100 PSI
	H110	40.0	1721	49,700 PSI
	LIL'GUN	37.0	1725	49,300 PSI
	296	40.0	1721	49,700 PSI
	LONGSHOT	22.0	1458	49,000 PSI
	TITEGROUP	17.5	1335	49,900 PSI

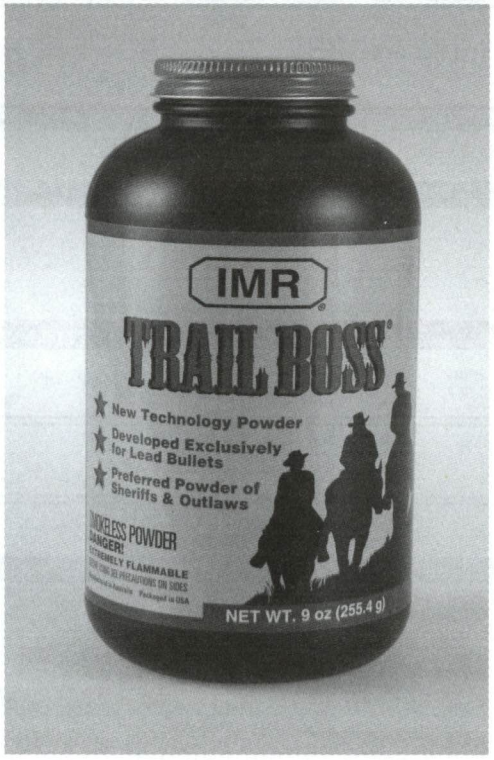
NOTES

NEVER Exceed the Loads Listed in This Publication
For complete data, visit our website at www.hodgdon.com

IMR Trail Boss Powder for Cowboy Action Shooting

Trail Boss is designed specifically for low velocity lead bullet loads suitable for Cowboy Action shooting. It is based on a whole new technology which allows very high loading density, good flow through powder measures, stability in regard to temperature variation and most importantly, additional safety to the handloader.

Trail Boss occupies from 50% of available case capacity up to 100% of available case capacity. A double charge of the maximum loads will either overflow the case or will not exceed SAAMI proof pressures depending upon the cartridge case being loaded. The high load density of Trail Boss will make it very easy to visualize in a case and powder sensors will work more efficiently. The unique appearance of Trail Boss will make it impossible to mistake it for any other product.



Many people wonder how a powder so fluffy with such unusually shaped granules can flow well through a powder measure. Well, flow was an absolute must with this product during development. Powder drop to powder drop consistency with Trail Boss is at least as good as other flake powders. Due to the volume occupied by Trail Boss charges, users of Dillon measures will want to change from their pistol powder charge bar to their rifle powder charge bar for any charge over 5.0 grs. of Trail Boss.

NOTE: Trail Boss was designed to work in specific charge weight ranges. Do not use charges less than the starting load shown, nor greater than the maximum shown.

NOTE: Trail Boss works great for reduced loads in rifle. See rifle data section for specific loads. Contact Customer Service at Hodgdon for assistance with Trail Boss reduced loads not shown in this manual.

SMOKELESS PISTOL AND CARBINE

BULLET	STARTING LOADS POWDER	GRS.	VEL. fps	CUP	MAXIMUM LOADS POWDER	GRS.	VEL. fps	CUP
25-20 WINCHESTER								
71 GR LEAD RNFP	H4227	6.0 gr.	1146	13,700	H-4227	7.0 gr.	1346	18,200
	HS-7	4.8 gr.	1202	14,900	HS-7	5.8 gr.	1465	22,800
	HS-6	4.3 gr.	1206	18,700	HS-6	5.3 gr.	1428	21,900
85 GR LEAD RNFP	H4227	6.0 gr.	1129	18,500	H-4227	7.0 gr.	1317	20,500
	HS-7	4.5 gr.	1085	17,700	HS-7	5.8 gr.	1407	26,200
	HS-6	4.5 gr.	1261	19,600	HS-6	5.3 gr.	1391	25,300
90 GR HDY LSWC	HS-6	4.6 gr.	845	10,900	HS-6	5.0 gr.	963	14,800
	UNIVERSAL	3.0 gr.	819	8,400	UNIVERSAL	3.2 gr.	908	11,500
	HP38	2.8 gr.	828	9,600	HP38	3.2 gr.	919	12,500
	TITEGROUP	2.4 gr.	819	10,500	TITEGROUP	2.8 gr.	911	13,300
32 S&W LONG								
90 GR. HDY LSWC	Trail Boss	1.5 gr.	599	5,900	Trail Boss	2.9 gr.	730	8,100
32 H & R MAGNUM								
90 GR LEAD RNFP	HS-6	4.6 gr.	845	10,900	HS-6	5.0 gr.	963	14,800
	UNIVERSAL	3.0 gr.	819	8,400	UNIVERSAL	3.2 gr.	908	11,500
	HP38	2.8 gr.	828	9,600	HP38	3.2 gr.	919	12,500
	TITEGROUP	2.4 gr.	819	10,500	TITEGROUP	2.8 gr.	911	13,300
	Trail Boss	2.4 gr.	751	10,700	Trail Boss	2.8 gr.	785	11,300
32-20 WINCHESTER (COLT PISTOL)								
90 GR LEAD RNFP	HP38	3.2 gr.	833	11,900	HP38	3.5 gr.	969	16,000
	TITEGROUP	3.0 gr.	937	12,300	TITEGROUP	3.4 gr.	1012	15,800
	Trail Boss	2.5 gr.	785	11,400	Trail Boss	2.8 gr.	830	13,900
115 GR LEAD RNFP	UNIVERSAL	3.0 gr.	808	14,200	UNIVERSAL	3.2 gr.	869	16,000
	HP38	3.2 gr.	839	11,100	HP38	3.5 gr.	915	15,600
	TITEGROUP	2.7 gr.	815	12,900	TITEGROUP	3.0 gr.	857	15,300
115 GR CAST LRNFP	Trail Boss	2.2 gr.	642	11,300	Trail Boss	2.5 gr.	707	15,300
32-20 WINCHESTER (RUGER PISTOL AND RIFLE DATA ONLY)								
90 GR LEAD RNFP	HP38	3.5 gr.	969	16,000	HP38	4.5 gr.	1,177	22,800
115 GR LEAD RNFP	UNIVERSAL	3.2 gr.	869	16,000	UNIVERSAL	4.0 gr.	1,037	22,600
	HP38	3.5 gr.	915	15,600	HP38	4.3 gr.	1,045	22,600
38 SHORT COLT								
93 GR AA206 LRN	Trail Boss	1.7 gr.	575		Trail Boss	2.0 gr.	674	
135 GR AA202 LFP	Trail Boss	1.5 gr.	490		Trail Boss	1.7 gr.	526	
38 LONG COLT								
125 GR LEAD RN	UNIVERSAL	3.2 gr.	626		UNIVERSAL	3.7 gr.	772	
	HP38	2.6 gr.	636		HP38	3.2 gr.	766	
	TITEGROUP	2.3 gr.	657		TITEGROUP	2.7 gr.	752	
	CLAYS	2.0 gr.	631		CLAYS	2.5 gr.	765	
	Trail Boss	2.0 gr.	622		Trail Boss	2.4 gr.	705	

SMOKELESS PISTOL AND CARBINE

BULLET	STARTING LOADS POWDER	GRS.	VEL. fps	CUP	MAXIMUM LOADS POWDER	GRS.	VEL. fps	CUP
38 LONG COLT (CONTINUED)								
150 GR LEAD RN	UNIVERSAL	3.0 gr.	631		UNIVERSAL	3.5 gr.	769	
	HP38	2.6 gr.	631		HP38	3.3 gr.	777	
150 GR LEAD RN	TITEGROUP	2.3 gr.	641		TITEGROUP	2.8 gr.	755	
	CLAYS	2.0 gr.	624		CLAYS	2.6 gr.	744	
	Trail Boss	1.8 gr.	541		Trail Boss	2.0 gr.	575	
38 SPECIAL								
90 GR CAST LRNFP	TITEGROUP	3.0 gr.	755	7,700	TITEGROUP	3.5 gr.	969	11,300
	CLAYS	2.5 gr.	705	7,900	CLAYS	3.0 gr.	938	11,400
125 GR LEAD RNFP	UNIVERSAL	4.3 gr.	872	8,700	UNIVERSAL	4.7 gr.	1,036	16,800
	HP38	3.8 gr.	876	10,300	HP38	4.8 gr.	1,071	16,900
	TITEGROUP	3.2 gr.	856	8,400	TITEGROUP	3.8 gr.	985	12,000
	CLAYS	2.5 gr.	810	8,400	CLAYS	3.5 gr.	978	16,900
	Trail Boss	3.0 gr.	753	11,600	Trail Boss	5.3 gr.	952	13,400
135 GR LEAD RNFP	UNIVERSAL	4.1 gr.	924	13,400	UNIVERSAL	4.6 gr.	1,025	16,900
	HP38	3.7 gr.	872	12,500	HP38	4.7 gr.	1,024	17,000
	TITEGROUP	3.1 gr.	824	9,600	TITEGROUP	3.6 gr.	927	12,900
	CLAYS	2.6 gr.	767	11,400	CLAYS	3.3 gr.	910	16,200
158 GR LEAD SWC	UNIVERSAL	3.5 gr.	756	9,600	UNIVERSAL	4.5 gr.	974	16,700
	INTERNATIONAL	3.0 gr.	798	12,400	INTERNATIONAL	3.5 gr.	903	16,100
	HP38	3.1 gr.	782	11,900	HP38	3.7 gr.	834	14,600
	TITEGROUP	3.2 gr.	815	11,500	TITEGROUP	3.8 gr.	920	15,400
	CLAYS	2.8 gr.	812	12,900	CLAYS	3.1 gr.	871	15,100
	Trail Boss	2.7 gr.	661	11,400	Trail Boss	4.2 gr.	804	13,700
357 MAGNUM								
90 GR CAST LRNFP	TITEGROUP	3.0 gr.	850	6,300	TITEGROUP	4.0 gr.	1107	9,000
	CLAYS	2.7 gr.	780	6,000	CLAYS	3.5 gr.	1106	12,500
125 GR LEAD RNFP	UNIVERSAL	4.8 gr.	1046	11,000	UNIVERSAL	6.8 gr.	1,401	34,200
	HP38	4.6 gr.	1,052	13,800	HP38	5.5 gr.	1,185	18.800
	TITEGROUP	4.0 gr.	1,055	13,800	TITEGROUP	5.4 gr.	1,274	22,800
	CLAYS	3.5 gr.	984	11,900	CLAYS	5.3 gr.	1,260	33,000
	Trail Boss	3.5 gr.	874	14,900	Trail Boss	5.3 gr.	1035	17,900
135 GR LEAD RNFP	UNIVERSAL	4.8 gr.	986	11,700	UNIVERSAL	6.5 gr.	1,314	27,800
	HP38	4.1 gr.	946	11,700	HP38	5.3 gr.	1,027	19,400
	TITEGROUP	3.5gr.	906	13,100	TITEGROUP	5.2 gr.	1,186	24,500
	CLAYS	3.4 gr.	914	12,200	CLAYS	5.1 gr.	1,207	30,200
158 GR LEAD SWC	UNIVERSAL	4.0 gr.	890	15,700	UNIVERSAL	6.2 gr.	1,247	33,400
	HP38	3.4 gr.	796	12,600	HP38	5.0 gr.	1,109	23,900
	TITEGROUP	3.5 gr.	893	16,100	TITEGROUP	5.0 gr.	1,108	24,900
	CLAYS	3.2 gr.	867	14,400	CLAYS	4.6 gr.	1,079	33,600
	Trail Boss	3.2 gr.	754	16,500	Trail Boss	4.2 gr.	865	20,400
38-40 WCF (IN PSI)								
180 GR LEAD RNFP	UNIVERSAL	6.9 gr.	813	8,200	UNIVERSAL	7.5 gr.	955	11,900
	HP38	5.8 gr.	747	9,400	HP38	6.8 gr	934	13,500
	TITEGROUP	5.0 gr.	819	7,000	TITEGROUP	6.4 gr.	990	13,300
	CLAYS	4.7 gr.	760	8,700	CLAYS	5.5 gr.	889	13,500
	Trail Boss	4.5 gr.	694	7,300	Trail Boss	5.5 gr.	800	9,900

NEVER Exceed the Loads Listed in This Publication
For complete data, visit our website at www.hodgdon.com

SMOKELESS PISTOL AND CARBINE

BULLET	STARTING LOADS POWDER	GRS.	VEL. fps	CUP	MAXIMUM LOADS POWDER	GRS.	VEL. fps	CUP
44-40 WCF (IN PSI)								
200 GR LEAD RNFP	UNIVERSAL	6.6 gr.	722	10,000	UNIVERSAL	7.3 gr.	777	11,100
	HP38	5.5 gr.	711	9,800	HP38	6.5 gr.	820	12,400
	TITEGROUP	5.0 gr.	758	8,400	TITEGROUP	6.2 gr.	901	12,900
	CLAYS	4.2 gr.	648	8,200	CLAYS	5.0 gr.	765	11,700
	Trail Boss	5.5 gr.	723	7,800	Trail Boss	6.5 gr.	826	11,900
44 RUSSIAN								
160-165 GR LEAD RNFP	HP38	4.5 gr.	878	8,300	HP38	5.2 gr.	1,002	10,400
	TITEGROUP	4.0 gr.	884	6,100	TITEGROUP	5.3 gr.	1,076	12,000
	CLAYS	3.0 gr.	776	7,300	CLAYS	4.0 gr.	977	11,100
	Trail Boss	3.3 gr.	742	7,600	Trail Boss	4.5 gr.	878	11,600
200 GR LEAD RNFP	UNIVERSAL	4.8 gr.	816	8,100	UNIVERSAL	5.7 gr.	970	11,500
	HP38	4.2 gr.	763	7,300	HP38	5.0 gr.	900	11,300
	TITEGROUP	3.5 gr.	738	5,100	TITEGROUP	4.8 gr.	963	11,400
	CLAYS	3.2 gr.	747	8,000	CLAYS	3.7 gr.	837	11,100
	Trail Boss	3.0 gr.	647	7,900	Trail Boss	3.9 gr.	747	10,400
240 GR LEAD RNFP	UNIVERSAL	3.8 gr.	679	6,400	UNIVERSAL	4.6 gr.	841	11,000
	HP38	4.0 gr.	753	8,900	HP38	4.8 gr.	842	11,000
	TITEGROUP	3.5 gr.	732	7,300	TITEGROUP	4.2 gr.	837	11,500
	CLAYS	3.0 gr.	711	9,400	CLAYS	3.5 gr.	769	10,700
	Trail Boss	3.0 gr.	604	8,800	Trail Boss	3.5 gr.	661	10,000
44 COLT								
165 GR LEAD RNFP	HP38	4.5 gr.	826	6,100	HP38	5.5 gr.	983	9,300
	TITEGROUP	4.0 gr.	864	6,300	TITEGROUP	5.0 gr.	1,020	9,300
	CLAYS	3.0 gr.	705	6,600	CLAYS	4.2 gr.	944	9,000
	Trail Boss	3.3 gr.	698	5,400	Trail Boss	4.5 gr.	844	9,700
185 GR LEAD RNFP	HP38	4.5 gr.	807	6,600	HP38	5.3 gr.	928	9,400
	TITEGROUP	3.8 gr.	806	6,200	TITEGROUP	4.8 gr.	950	9,500
	CLAYS	3.0 gr.	692	5,800	CLAYS	4.2 gr.	893	9,600
	Trail Boss	3.2 gr.	643	5,600	Trail Boss	4.0 gr.	751	9,600
200 GR LEAD RNFP	UNIVERSAL	4.8 gr.	762	6,100	UNIVERSAL	5.7 gr.	927	9,900
	HP38	4.5 gr.	799	7,000	HP38	5.3 gr.	881	9,400
	TITEGROUP	4.0 gr.	787	6,300	TITEGROUP	4.8 gr.	912	10,000
	CLAYS	3.2 gr.	710	6,100	CLAYS	3.9 gr.	831	10,000
	Trail Boss	3.0 gr.	595	4,800	Trail Boss	3.9 gr.	711	9,300
240 GR LEAD RNFP	UNIVERSAL	4.5 gr.	769	6,400	UNIVERSAL	5.2 gr.	870	10,400
	HP38	4.2 gr.	733	7,200	HP38	4.9 gr.	827	9,900
	TITEGROUP	3.5 gr.	717	6,300	TITEGROUP	4.3 gr.	826	10,000
	CLAYS	4.0 gr.	706	6,800	CLAYS	4.7 gr.	818	9,500
	Trail Boss	3.0 gr.	563	6,800	Trail Boss	3.4 gr.	625	9,000
44 SPECIAL								
160-165 GR LEAD RNFP	UNIVERSAL	5.5 gr.	851	5,700	UNIVERSAL	6.3 gr.	1,042	10,900
	HP38	4.9 gr.	893	8,200	HP38	6.0 gr.	1,040	12,000
	TITEGROUP	4.5 gr.	865	7,100	TITEGROUP	5.8 gr.	1,035	13,400
	CLAYS	3.6 gr.	836	6,000	CLAYS	4.6 gr.	1,009	13,400
	Trail Boss	4.8 gr.	865	10,700	Trail Boss	7.0 gr.	1005	12,100
185 GR LEAD RNFP	UNIVERSAL	5.4 gr.	823	7,700	UNIVERSAL	6.4 gr.	1,031	13,900
	HP38	4.4 gr.	810	8,000	HP38	5.6 gr.	953	12,500
	TITEGROUP	4.0 gr.	819	6,600	TITEGROUP	5.5 gr.	1,025	11,600
	CLAYS	3.5 gr.	810	7,800	CLAYS	4.2 gr.	930	13,200
	Trail Boss	4.5 gr.	791	10,400	Trail Boss	6.6 gr.	944	12,600

SMOKELESS PISTOL AND CARBINE

BULLET	STARTING LOADS POWDER	GRS.	VEL. fps	CUP	MAXIMUM LOADS POWDER	GRS.	VEL. fps	CUP
44 SPECIAL (CONTINUED)								
200 GR LEAD RNFP	UNIVERSAL	5.5 gr.	802	8,200	UNIVERSAL	6.5 gr.	960	12,900
	INTERNATIONAL	4.3 gr.	774	7,300	INTERNATIONAL	5.2 gr.	919	13,500
	HP38	4.5 gr.	743	8,300	HP38	5.6 gr.	918	12,500
	TITEGROUP	3.8 gr.	746	5,700	TITEGROUP	5.4 gr.	973	13,100
	CLAYS	3.5 gr.	748	7,800	CLAYS	4.5 gr.	891	14,000
	Trail Boss	4.3 gr.	757	8,700	Trail Boss	6.3 gr.	885	13,200
240 GR LEAD SWC	UNIVERSAL	4.9 gr.	721	8,000	UNIVERSAL	5.6 gr.	873	13,300
	INTERNATIONAL	3.9 gr.	723	8,900	INTERNATIONAL	4.7 gr.	825	13,000
	HP38	4.2 gr.	717	8,400	HP38	5.2 gr.	858	13,200
	TITEGROUP	4.0 gr.	758	9,400	TITEGROUP	4.8 gr.	862	13,100
	CLAYS	3.2 gr.	669	9,000	CLAYS	4.0 gr.	771	13,500
	Trail Boss	4.0 gr.	673	9,700	Trail Boss	5.2 gr.	763	11,700
44 MAGNUM								
160-165 GR LEAD RNFP	UNIVERSAL	6.5 gr.	918	7,700	UNIVERSAL	7.2 gr.	1,059	11,500
	HP38	6.0 gr.	963	10,100	HP38	7.0 gr.	1,088	13,900
	TITEGROUP	5.3 gr.	949	11,800	TITEGROUP	6.5 gr.	1,083	16,400
	CLAYS	4.4 gr.	910	8,500	CLAYS	5.5 gr.	1,064	15,500
	Trail Boss	6.0 gr.	960	17,200	Trail Boss	8.0 gr.	1086	18,800
185 GR LEAD RNFP	UNIVERSAL	6.4 gr.	919	8,400	UNIVERSAL	7.4 gr.	1,070	12,600
	HP38	5.9 gr.	906	9,400	HP38	7.2 gr.	1,058	14,700
	TITEGROUP	5.3 gr.	902	9,500	TITEGROUP	6.6 gr.	1,082	16,500
	CLAYS	4.2 gr.	839	8,900	CLAYS	6.0 gr.	1,043	18,400
	Trail Boss	6.2 gr.	936	19,500	Trail Boss	7.8 gr.	1050	21,100
200 GR LEAD RNFP	UNIVERSAL	6.8 gr.	897	10,500	UNIVERSAL	7.8 gr.	1,045	15,400
	INTERNATIONAL	5.3 gr.	854	10,000	INTERNATIONAL	6.8 gr.	1,044	18,300
	HP38	5.8 gr.	875	10,800	HP38	7.4 gr.	1,039	16,700
	TITEGROUP	5.0 gr.	878	11,000	TITEGROUP	6.6 gr.	1,061	17,300
	CLAYS	4.2 gr.	785	8,500	CLAYS	6.4 gr.	1,028	20,200
200 GR CAST LRNFP	Trail Boss	6.1 gr.	890	17,900	Trail Boss	7.7 gr.	988	20,700
240 GR LEAD SWC	UNIVERSAL	6.5 gr.	852	11,700	UNIVERSAL	7.6 gr.	1,009	19,900
	INTERNATIONAL	4.5 gr.	737	9,900	INTERNATIONAL	6.5 gr.	970	21,700
	HP38	5.5 gr.	800	12,000	HP38	7.2 gr.	961	18,400
	TITEGROUP	4.7 gr.	801	11,100	TITEGROUP	6.2 gr.	970	18,400
	CLAYS	4.3 gr.	759	14,000	CLAYS	6.2 gr.	940	21,800
	Trail Boss	6.0 gr.	828	19,100	Trail Boss	7.3 gr.	917	21,600
45 S&W (SCHOFIELD)								
200 GR LEAD RNFP	UNIVERSAL	6.0 gr.	773	9,100	UNIVERSAL	7.0 gr.	938	13,100
	HP38	5.2 gr.	745	8,800	HP38	6.2 gr.	877	13,000
	TITEGROUP	4.5 gr.	715	6,700	TITEGROUP	6.0 gr.	925	12,100
	CLAYS	4.0 gr.	733	8,300	CLAYS	5.0 gr.	845	13,100
	Trail Boss	4.0 gr.	684	9,000	Trail Boss	5.0 gr.	791	13,200
225-230 GR LEAD RNFP	UNIVERSAL	5.5 gr.	738	9,400	UNIVERSAL	6.0 gr.	816	11,400
	HP38	5.0 gr.	719	9,900	HP38	5.7 gr.	816	12,700
	TITEGROUP	4.5 gr.	702	7,800	TITEGROUP	5.8 gr.	866	12,300
	CLAYS	4.0 gr.	697	9,400	CLAYS	4.7 gr.	783	13,600
	Trail Boss	4.0 gr.	649	9,000	Trail Boss	5.0 gr.	739	13,000

SMOKELESS PISTOL AND CARBINE

BULLET	STARTING LOADS POWDER	GRS.	VEL. fps	CUP	MAXIMUM LOADS POWDER	GRS.	VEL. fps	CUP
45 S&W (SCHOFIELD) (CONTINUED)								
250 GR LEAD RNFP	UNIVERSAL	6.0 gr.	724	9,900	UNIVERSAL	6.3 gr.	830	13,800
	HP38	4.5 gr.	664	10,100	HP38	5.2 gr.	741	12,100
	TITEGROUP	4.5 gr.	716	7,900	TITEGROUP	5.3 gr.	811	11,600
	CLAYS	4.0 gr.	674	11,000	CLAYS	4.2 gr.	710	12,500
250 GR LRNFP	Trail Boss	3.5 gr.	537	7,300	Trail Boss	4.8 gr.	685	13,200
45 LONG COLT								
160-165 GR LEAD RNFP	UNIVERSAL	6.5 gr.	798	7,400	UNIVERSAL	9.5 gr.	1,197	12,900
	HP38	6.5 gr.	917	7,700	HP38	9.0 gr.	1,177	13,800
	TITEGROUP	6.0 gr.	932	6,000	TITEGROUP	7.0 gr.	1,051	9,100
	CLAYS	5.0 gr.	907	7,500	CLAYS	6.4 gr.	1,083	13,500
	Trail Boss	7.0 gr.	903	8,100	Trail Boss	8.5 gr.	1018	10,800
180 GR LEAD RNFP	UNIVERSAL	6.5 gr.	791	7,100	UNIVERSAL	9.2 gr.	1,161	13,900
	HP38	6.0 gr.	838	6,500	HP38	8.2 gr.	1,087	13,900
	TITEGROUP	5.0 gr.	759	4,600	TITEGROUP	6.9 gr.	1,020	10,900
	CLAYS	4.8 gr.	840	7,900	CLAYS	6.0 gr.	1,016	13,800
	Trail Boss	6.0 gr.	818	9,400	Trail Boss	7.3 gr.	935	12,700
200 GR LEAD RNFP	UNIVERSAL	6.4 gr.	749	5,700	UNIVERSAL	8.8 gr.	1,067	13,600
	HP38	5.9 gr.	761	5,800	HP38	8.0 gr.	1,002	13,800
	TITEGROUP	5.0 gr.	731	4,700	TITEGROUP	7.7 gr.	1,050	12,700
	CLAYS	4.6 gr.	777	5,900	CLAYS	5.9 gr.	931	13,100
	Trail Boss	5.5 gr.	706	8,000	Trail Boss	6.5 gr.	855	11,000
215 GR LEAD RNFP	UNIVERSAL	6.8 gr.	777	6,300	UNIVERSAL	8.6 gr.	1,001	13,800
	HP38	5.9 gr.	758	5,900	HP38	7.8 gr.	965	13,500
	TITEGROUP	5.0 gr.	728	4,800	TITEGROUP	7.2 gr.	983	12,100
	CLAYS	4.6 gr.	754	6,400	CLAYS	5.7 gr.	889	13,400
215 GR CAST LRNFP	Trail Boss	5.5 gr.	725	8,100	Trail Boss	6.5 gr.	820	10,300
225-230 GR LEAD RNFP	UNIVERSAL	6.5 gr.	761	7,600	UNIVERSAL	8.1 gr.	975	13,800
	HP38	5.8 gr.	738	7,300	HP38	7.3 gr.	941	13,700
	TITEGROUP	5.0 gr.	762	7,200	TITEGROUP	6.5 gr.	934	13,000
	CLAYS	4.4 gr.	734	7,600	CLAYS	5.4 gr.	865	13,900
	Trail Boss	5.5 gr.	685	9,100	Trail Boss	6.5 gr.	802	12,400
250 GR LEAD RNFP	HS-6	9.0 gr.	787	7,800	HS-6	10.5 gr.	946	13,300
	UNIVERSAL	6.5 gr.	742	9,200	UNIVERSAL	7.8 gr.	941	13,000
	INTERNATIONAL	5.4 gr.	786	9,200	INTERNATIONAL	6.0 gr.	866	13,400
	HP38	5.8 gr.	785	9,100	HP38	7.1 gr.	916	13,900
	TITEGROUP	5.0 gr.	716	7,600	TITEGROUP	6.2 gr.	881	13,000
	CLAYS	4.2 gr.	713	8,500	CLAYS	5.1 gr.	817	13,400
	Trail Boss	4.5 gr.	606	8,800	Trail Boss	5.8 gr.	727	12,700

LONG RANGE RIFLE

The loads listed below are representative of common calibers used. As there are so many cartridges which could be used, only a few are shown. DO NOT USE ANY FILLER MATERIAL WITH THESE LOADS, as fillers can alter pressure and velocities decidedly.

LONG RANGE RIFLE

BULLET	STARTING LOADS POWDER	GRS.	VEL. fps	CUP	MAXIMUM LOADS POWDER	GRS.	VEL. fps	CUP
25-35 WINCHESTER								
90 GR LFP W/GC	TITEGROUP	5.0 gr.	1369	18,000	TITEGROUP	7.0 gr.	1513	28,900
	Trail Boss	5.5 gr.	1224	22,000	Trail Boss	8.0 gr.	1414	23,200
30-30 WINCHESTER								
160 GR CAST	H4895	17.5 gr.	1351	15,200	H4895	21.0 gr.	1562	23,100
	H4198	15.0 gr.	1420	15,000	H4198	17.0 gr.	1616	20,600
	Trail Boss	6.5 gr.	997	20,500	Trail Boss	9.0 gr.	1195	29,100
32-40 WINCHESTER								
196 GR CAST	H110*Reduce Maximum 3%				H110	12.0 gr.	1376	19,200
	H4227*Reduce Maximum 3%				H4227	13.0 gr.	1267	18,000
	Trail Boss	5.0 gr.	833	12,500	Trail Boss	6.0 gr.	935	25,300
38-55 WINCHESTER								
250 GR CAST	H4895	21.0 gr.	1197	18,200	H4895	26.0 gr.	1600	26,500
	H4198	18.5 gr.	1408	17,100	H4198	21.0 gr.	1608	23,700
	Trail Boss	6.0 gr.	842	20,300	Trail Boss	7.0 gr.	911	25,600
40-65 WINCHESTER (SINGLE SHOT)								
400 GR BUFFALO ARMS LEAD RNFP	VARGET	35.0 gr.	1438	20,100	VARGET	38.0 gr.	1558	24,800
	H4895	33.0 gr.	1423	19,700	H4895	36.0 gr.	1554	24,200
	BENCHMARK	29.0 gr.	1321	18,800	BENCHMARK	32.5 gr.	1491	25,000
	H322	30.5 gr.	1398	19,200	H322	33.0 gr.	1520	23,900
	H4198	28.0 gr.	1441	21,200	H4198	31.0 gr.	1572	24,700
	H4227	20.0 gr.	1277	18,900	H4227	23.0 gr.	1410	24,900
	Trail Boss	11.0 gr.	889	20,000	Trail Boss	12.0 gr.	915	21,200
45-70 GOVERNMENT								
300 GR CAST	VARGET	45.0 gr.	1599	17,800	VARGET	55.0 gr.	1880	20,600
	H4895	45.0 gr.	1572	14,400	H4895	51.0 gr.	1703	15,500
	H4198	30.0 gr.	1390	14,400	H4198	35.5 gr.	1641	16,100
	Trail Boss	14.0 gr.	1199	14,400	Trail Boss	16.5v	1285	20,900

LONG RANGE RIFLE

	STARTING LOADS				MAXIMUM LOADS			
BULLET	POWDER	GRS.	VEL. fps	CUP	POWDER	GRS.	VEL. fps	CUP
45-70 GOVERNMENT								
385 GR CAST	VARGET	42.5 gr.	1537	15,400	VARGET	52.5 gr.	1805	21,800
	H4895	35.0 gr.	1280	11,900	H4895	42.0 gr.	1526	23,100
	H4198	28.0 gr.	1302	13,300	H4198	32.0 gr.	1483	14,700
405 GR CAST	VARGET	40.0 gr.	1392	15,600	VARGET	50.0 gr.	1718	20,900
	H4895	40.0 gr.	1424	14,900	H4895	48.0 gr.	1645	18,900
	H4198	27.0 gr.	1251	14,200	H4198	31.0 gr.	1459	17,100
	Trail Boss	12.0 gr.	971	24,500	Trail Boss	13.0 gr.	1007	25,600
485 GR CAST	H4895	32.0 gr.	1155	15,600	H4895	39.0 gr.	1403	22,700
	H4198	28.0 gr.	1279	16,400	H4198	32.0 gr.	1434	20,400
45-120 SHARPS								
350 GR LYMAN #457122	H4895	59.0 gr.	1875	24,800	H4895	64.0 gr.	2031	26,900
	BENCHMARK	53.0 gr.	1809	24,700	BENCHMARK	57.0 gr.	1922	26,800
	H322	50.0 gr.	1717	21,000	H322	53.0 gr.	1874	27,700
	H4198	46.0 gr.	1783	22,500	H4198	49.0 gr.	1903	27,500
405 GR LYMAN #457193	VARGET	59.0 gr.	1763	24,200	VARGET	63.0 gr.	1858	28,200
	H4895	58.0 gr.	1849	26,000	H4895	64.0 gr.	2012	28,300
	BENCHMARK	53.0 gr.	1805	26,500	BENCHMARK	58.0 gr.	1917	27,200
	H322	49.0 gr.	1665	23,200	H322	52.5 gr.	1793	27,900
	H4198	45.0 gr.	1708	24,700	H4198	48.0 gr.	1818	27,200
500 GR LYMAN #457125	VARGET	56.0 gr.	1618	24,200	VARGET	61.0 gr.	1737	27,900
	H4895	54.0 gr.	1641	24,400	H4895	60.0 gr.	1809	28,500
	BENCHMARK	50.0 gr.	1607	26,600	BENCHMARK	54.5 gr.	1747	28,200
	H322	48.0 gr.	1568	25,400	H322	52.0 gr.	1695	28,300
	H4198	42.0 gr.	1523	25,200	H4198	46.5 gr.	1650	28,300
50-140 SHARPS								
425 GR LYMAN #515141	H4831	118.0 gr.	2079	22,800	H4831	125.0 gr.	2209	26,300
	H4350	105.0 gr.	2033	21,600	H4350	114.0 gr.	2242	26,700
	VARGET	95.0 gr.	2127	23,600	VARGET	102.5 gr.	2294	28,100
515 GR LYMAN #515142	H4831	112.0 gr.	1956	23,200	H4831	118.0 gr.	2085	27,500
	H4350	101.0 gr.	1916	22,000	H4350	108.0 gr.	2091	27,200
	VARGET	87.0 gr.	1958	24,000	VARGET	95.0 gr.	2088	27,900

POCKET PISTOL

	STARTING LOADS			MAXIMUM LOADS		
BULLET	POWDER	GRS.	VEL. fps	POWDER	GRS.	VEL. fps
32 S&W						
85 GR CAST	HP38	1.1 gr.	610	HP38	1.4 gr.	680
32 S&W LONG						
90 GR CAST	HP38	1.6 gr.	600	HP38	1.9 gr.	700
38 S&W						
145 GR CAST	HP38	2.2 gr.	595	HP38	2.5 gr.	630
38 SHORT COLT						
90 GR AA 206 LRN	UNIVERSAL	2.9 gr.	634	UNIVERSAL	3.4 gr.	775
	HP38	2.4 gr.	609	HP38	2.8 gr.	749
	TITEGROUP	2.3 gr.	639	TITEGROUP	2.7 gr.	791
	CLAYS	1.8 gr.	634	CLAYS	2.1 gr.	778
135 GR AA 202 LFP	UNIVERSAL	2.4 gr.	624	UNIVERSAL	2.8 gr.	771
	HP38	2.4 gr.	657	HP38	2.8 gr.	777
	TITEGROUP	2.3 gr.	646	TITEGROUP	2.7 gr.	760
	CLAYS	1.8 gr.	648	CLAYS	2.1 gr.	731

NOTES

NOTES

SHOTSHELL data

Shotshell loading data is shown in a format that provides convenient indexing of the load components and performance. Loads are listed in the following sequence:

- Gauge – largest to smallest
- Length – shortest to longest hull length
- Alphabetical order listing by hull manufacturer
- Shot Weight – lightest to heaviest
- Alphabetical order listing by primer manufacturer

For every load component set, multiple velocity levels are shown. Factory standard velocities are given to allow the handloader to duplicate their favorite offerings. Additional velocity levels may also be listed so the handloader can adjust load performance faster or slower than the standard factory loads.

A common concern with shotshell is recoil. Recoil can be controlled significantly through the use of lower shot weights and lower velocity levels. This shotshell loading data contains a number of such loads for those who want reduced recoil. Note that lower recoil loads may not function semi-automatic shotguns.

Primarily, the data for this edition was developed through the use of pressure barrels. All loads for standard U.S. cartridges adhere to the guidelines provided by the Sporting Arms and Ammunition Manufacturers' Institute (S.A.A.M.I).

Wad chart

The following chart shows wads designed to perform as replacements for current popular models as listed in the ensuing data.

Federal 12C1: CB3118-12AR
Federal 12SO: CB2100-12, XXL Orange
Federal 12S3: CB2118-12, DRF3
Hor. Versalite: Down Range DRV-12
Hor. Versalite 20: Down Range DRV-20
Pattern Control Red PC: Post PC
Remington Fig. 8: CB3118-12A, DRRF8
Remington SP 20: Remington SP205
WAA12R: CB1138-12
WAA12: CB1118-12, CBO118-12, WT12, Blue Duster, Down Range XL-1 1/8, DRA12,
Remington TGT12: DRT12
WAA12SL: CB1100-12, Green Duster, Down Range Jammer XL-1, Down Range XL-1 Green, DRA-12-PINK
WAA12L: CB0178-12, XXL PINK
WAA12F114: CB1114-12, DRA-12 Yellow
WAA20: CB1078-20
WAA28: CB1034-28
WAA28HS: CB5034-28HS
WAA41, SPA410, 410SC: CB1050-41
Windjammer: CB4118-12, DWJ-12-RPL

Notes on Recoil

In physics we learned that for every force there is an equal and opposite force. In a firearm, the gases generated by burning powder push the ejecta (shot and wad) down the barrel and in turn push the shotgun in the opposite direction creating what we call recoil. According to physics, the momentum of a free recoiling firearm is equal and opposite in direction to the momentum of the ejecta and powder charge. The formula for free recoil of a firearm is:

$$\text{Recoil Energy in ft. lbs.} = \frac{(Bw\ Mv + 4700\ Pw)^2}{64.348\ Gw}$$

Where Gw = the weight of the gun in pounds
Bw = weight of the ejecta (shot and wad) in pounds
Pw = powder weight in pounds
Mv = muzzle velocity in feet per second

Example: Our shooter has an 8 lb. target gun with a load using 18.0 grs. of Clays, a wad weighing 33.0 gr., shot charge of 1 1/8 oz. and giving 1200 f/s muzzle velocity. First, we must convert the ejecta weight to lbs. (1 1/8 oz. = 492.0 gr.) Dividing grains by 7000 converts to pounds.

Gw = 8 lb.

$$Bw = \frac{492.0 + 33.0}{7000} = \frac{525}{7000} = .075 \text{ lb.}$$

$$Pw = \frac{18}{7000} = .003 \text{ lb.}$$

Mv = 1200 ft/sec

Substituting the numbers in the formula we find the

$$\text{Recoil energy of the shooters load} = \frac{[(.075 \times 1200) + (4700 \times .003)]^2}{64.348 \times 8} = 21.05 \text{ ft/lbs}$$

Unfortunately, too many shooters think that pressure has an effect on recoil. In truth, it doesn't. It is not included in the formula for calculating recoil as noted in our example. However, there are factors that effect our perception of recoil. A major factor is muzzle blast. Clean burning powders help limit muzzle blast, are quieter, and therefore seem lower in recoil.

Some people think slow burning powders produce less recoil. What they are perceiving is the longer time it takes the powder to reach peak pressure, which gives the same recoil as a faster burning powder, just over a longer period of time. Others like the faster burning powders which peak quicker, although still the same recoil, just a shorter period of recoil. Perception can be everything to a shooter, so he should shoot what he "feels" is the most comfortable. That is why Hodgdon has a complete range of powders to cover all perceptions and needs.

The only real way to lessen recoil is to lower velocities, or lessen shot charge, or both.

Lee

BUSHING #	CLAYS	INTER	UNIV	HS-6	H110	TITE WAD	LIL' GUN	LGSH	TITE GRP	700-X	800-X	PB	7625	4756	WST	WSF	WAA LITE	SUPER HCP
.095	10.7	12.3	15.2	21.9	22.5	12.4	23.5	19.1	18.4	10.9	11.0	12.1	14.4	14.7	12.1	18.1	12.0	17.4
.100	11.3	13.0	16.0	23.0	23.7	13.0	24.7	20.1	19.2	11.5	11.6	12.7	15.2	15.5	12.7	19.0	12.6	18.3
.105	11.8	13.7	16.8	24.2	24.9	13.7	26.0	21.1	20.0	12.0	13.0	13.4	15.9	16.3	13.4	20.0	13.3	19.2
.110	12.4	14.3	17.6	25.3	26.1	14.3	27.2	22.1	20.8	12.6	13.7	14.0	16.7	17.0	14.0	21.0	13.9	20.1
.116	13.0	15.1	18.5	26.7	27.5	15.1	28.7	23.3	21.7	13.3	15.9	14.7	17.3	17.9	14.8	22.1	14.6	21.3
.122	13.7	15.9	19.5	28.1	28.9	15.9	30.2	24.5	22.9	14.0	16.7	15.5	18.5	18.9	15.6	23.2	15.4	22.4
.128	14.4	16.6	20.4	29.4	30.3	16.7	31.7	25.7	24.1	14.7	17.5	16.3	19.4	19.8	16.3	24.4	16.1	23.5
.134	15.0	17.5	21.4	30.8	31.8	17.5	33.1	26.9	25.3	15.4	18.3	17.1	20.3	20.7	17.1	25.5	16.9	24.6
.141	15.8	18.4	22.5	32.4	33.4	18.4	34.9	28.3	26.5	16.0	19.2	17.9	21.3	21.8	18.1	26.9	17.8	25.9
.148	16.6	19.3	23.6	34.0	35.1	19.3	36.5	29.8	-	16.7	20.3	18.9	22.4	22.9	19.0	28.2	18.7	27.2
.151	16.7	19.6	24.0	-	-	19.7	37.2	30.4	-	17.1	20.7	19.2	22.9	23.4	19.4	28.8	19.1	27.7
.155	17.3	20.1	24.7	35.7	36.7	20.4	38.2	31.1	-	17.5	21.2	19.7	23.5	24.0	19.9	29.6	19.6	28.5
.163	18.2	21.1	25.9	37.5	38.6	21.4	40.2	32.7	-	18.4	22.3	20.7	24.7	25.2	21.0	31.2	20.5	30.0
.171	19.1	22.0	27.1	39.3	40.5	22.5	42.1	34.3	-	19.3	23.4	21.8	25.9	26.5	22.0	32.9	21.5	31.5
.180	20.1	23.1	28.5	41.4	42.7	23.6	44.4	36.1	-	20.4	24.6	22.8	27.3	27.8	23.2	34.4	22.7	33.2
.189	21.2	24.1	29.9	43.5	44.8	-	46.6	37.9	-	21.4	25.9	24.0	28.6	29.2	24.3	36.2	23.9	34.8
.198	22.1	25.2	31.3	45.5	46.9	26.0	48.8	39.7	-	22.4	27.1	25.1	30.0	30.6	25.5	37.7	25.0	36.5

INTERNATIONAL – INTER
UNIVERSAL – UNIV
LONGSHOT – LGSH

Ponsness Warren

BUSHING #	CLAYS	INTER	UNIV	HS-6	H110	TITE WAD	LIL' GUN	LGSH	TITE GRP	700-X	800-X	PB	7625	4756	WST	WSF	WAA LITE	SUPER HCP
1AX							12.0											
2AX							12.7											
3AX							13.1											
1A					13.7													
2A					14.8													
3A				15.3	15.6			13.0										
A				16.8	17.5			15.0										
B				17.6				15.5	14.5									
C			12.5	18.5				16.5	15.0				12.5	12.7				
C1			13.0	19.6				17.0	16.0				13.2	13.3		16.4	11.4	15.5
D			13.2	20.4				17.3	16.3				13.5	13.6		16.6	11.6	15.7
D1			14.0	21.3				18.2	17.0			11.8	14.3	14.3	12.6	17.7	12.0	17.0
E			15.7	23.5				20.7	19.4		13.3	13.2	16.0	15.9	14.1	20.1	14.0	19.0
E1			16.2	24.0				21.6	20.0		14.0	13.7	16.6	16.6	14.6	20.8	14.3	19.8
E2			17.2	26.1		14.7		22.8	21.3	12.9	14.9	14.5	17.5	17.6	15.2	21.9	15.0	20.9
F			18.1	27.5		15.6		24.2	22.7	13.9	16.0	15.5	18.4	18.7	16.4	23.2	16.1	22.1
F1			18.3	28.3		15.8		24.4	22.9	14.0	16.2	15.6	18.5	18.8	16.5	23.4	16.2	22.2
F2						16.4		25.3	23.5	14.6	16.6	16.0	19.2	19.5	16.9	24.2	16.5	23.1
F6			18.9															
G			20.2	31.2		17.4		26.8	24.7	15.6	17.6	17.1	20.5	20.7	18.1	25.7	17.2	23.3
G1			20.6	32.7		17.7		27.1		15.9	17.8	17.4	20.8	21.0	18.5	26.0	17.3	24.0
H	16.0	18.5	22.0	34.0		18.9		29.0		17.1	19.0	18.7	22.2	22.4	19.7	28.0	18.8	
I	16.7	19.3	22.8	34.4		19.6		30.0		17.6	19.6	19.2	22.9	23.1	20.3	29.0		
J	17.2	19.8	23.9	35.5		20.3		31.2		18.4	20.4	20.0	23.8	24.0	20.9	30.2		
J1	17.6	20.3	24.5	36.9		21.0		32.0		19.2	20.9	20.5	24.6	24.8	21.7	31.1		
K	17.8	20.6	24.8	37.1		21.3		32.5		19.5	21.2	20.8	24.9	25.1	22.0	31.8		
L	18.7	21.6	25.7	39.5		22.2		34.0		20.1	22.1	21.8	26.1	26.3	23.1			
M	19.7	22.5	26.8	41.2		23.4		35.7		21.5	23.7	23.1	27.6	27.8	24.6			
N	20.8	23.7	28.2			25.2		38.0		22.9	25.3	24.6	29.4	29.7				
O	21.0	24.0	28.5					38.5			25.8	25.1	29.8	30.1				
P	21.5	24.5						39.9			26.2	25.5	30.7	31.0				
Q	21.9	25.0						40.1			26.4	25.7	30.8	31.2				
R								41.8			27.5	26.7	32.1	32.5				
S								42.5			28.0	27.2	32.6	33.1				
T								45.4			29.4	27.8	34.7	35.2				
U											31.7			37.3				
V											32.3			38.0				
W											34.9			40.1				
X														40.9				
Y														42.2				

INTERNATIONAL – INTER
UNIVERSAL – UNIV
LONGSHOT – LGSH

Hornady/ Spolar

GRS	CLAYS	INTER	UNIV	HS-6	H110	TITE WAD	LIL' GUN	LGSH	TITE GRP	700-X	800-X	PB	7625	4756	WST	WSF	WAA LITE	SUPER HCP
								BUSHING NUMBERS										
11.0		333															321	
12.0		348					250					345			333		342	
13.0		363			256		259				360	360	327		348		351	
13.5			330				266								354		354	
14.0		375	342		266			300			372	372	339	339	360		363	
14.7									318			381			372		372	
15.0		390	354			384		309	324	408	381				378		378	324
16.0	429	402	366			396		318	330	420		396	360	360	387		390	386
16.5	435	408	372			402		327	336	423	396		372	372	393	330	402	339
17.0	441	414	378	300		408		330	342	429		414			399	336	408	342
17.4	447	417	384			414		336	345	435	414	420	381	381	405	339	414	348
18.0	456	423	390	309		420		339	351	441	420	423			411	345	420	354
18.5	462	429	393			426		345	357	447	426	429	390	3*90	417	348	426	360
19.0	468	435	402	318		432		348	360	450	429	435	396	396	423	354	432	363
19.4	474	438	405			435		354	363	459	435	441			426	357		369
20.0	483	447	411	327		441		357	369	465	441	444	408	408	432	363		372
20.6	489	453	417			450		363	375	468	447	453	414	414	441	369		375
21.0	495	459	420	336		453		366	378	471	453	456			444	372		381
21.5	501	465	423			459		369	381	474	459	459	420	420	450	378		384
22.0	507	471	429	345		462		372	387	486	462	468		426	456	381		390
22.5		477	432			468		378	390		468	474		429	459	387		396
23.0		483	438	351		474		381	396		471	480	435	435	465	390		399
23.5		489	441					384	399		474	486	444	438	468	396		405
24.0		495	447	360		486		390	405				450	441	474	399		408
24.5		501	450			489		393			486		453	444	477	402		
25.0		507	456	366		492		396				498	456	453	483	408		
26.0			468	375				405				507	462	459		417		
27.0			480	381				414				516	471	471		423		
28.0			489	387				423			525	525	480	480		429		
29.0			501	393				429					486	486		438		
30.0				402				435			534		498	498		444		
31.0				408				444						507		450		
32.0				414				450					516			456		
33.0				423				459								459		
34.0				429				465						525				
35.0				435				471						534				
36.0				441				480										
37.0				444				486						549				
38.0				450				492						558				
39.0								498										

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BUSHING #	CLAYS	INTER	UNIV	HS-6	H110	TITE WAD	LIL' GUN	LGSH	TITE GRP	700-X	800-X	PB	7625	4756	WST	WSF	WAA LITE	SUPER HCP
7							11.9											
8							12.5											
9							12.9											
10					13.5		13.4	11.0										
11					14.4			11.7										
12					15.4			12.4										
A12				15.5	16.4			13.2										
13				16.1	17.0			13.9										
14				17.9				15.4	13.8									
15			12.0	18.8				16.1	14.5				12.2	12.4				14.6
16		10.8	12.9	19.8				17.0	15.4				13.0	13.1		16.2	11.6	15.4
17		11.4	13.5	20.7				17.8	16.2				13.6	13.7	11.9	17.0	11.9	16.1
18		11.8	14.0	21.6				18.7	17.1			11.8	14.3	14.3	12.5	17.8	12.2	17.0
19		12.3	14.6	22.6				19.5	18.1		12.2	12.6	14.9	14.9	13.1	18.6	12.9	17.6
20		12.9	15.5	23.7		13.3		20.3	19.0		12.9	12.9	15.7	15.6	13.8	19.6	13.7	18.6
21		13.3	16.0	24.7		13.9		21.2	19.7		13.6	13.5	16.3	16.3	14.3	20.4	14.2	19.3
22		14.3	16.8	25.8		14.5		22.1	20.2	12.5	14.4	14.1	17.0	17.1	14.9	21.3	14.7	20.4
23		14.6	17.4	26.8		15.2		23.1	21.1	13.1	15.1	14.7	17.6	17.8	15.5	22.1	15.3	21.2
24		15.5	18.3	27.9		15.8		24.0	21.9	13.7	15.7	15.3	18.3	18.5	16.2	23.0	15.4	22.1
25		16.0	18.9	28.9		16.2		24.8	22.7	14.3	16.5	15.8	18.9	19.2	16.8	23.8	16.3	22.8
26		16.6	19.1	30.3		16.9		25.9	23.7	15.0	16.9	16.5	19.8	20.1	17.6	24.9	16.9	23.8
27	14.6	17.1	20.2	31.2		17.6		26.9	24.7	15.6	17.6	17.1	20.5	20.8	18.2	25.7	17.6	
28	15.2	17.7	21.1	32.6		18.3		28.0	25.8	16.3	18.2	17.8	21.3	21.5	18.9	26.6	18.3	
29	15.9	18.3	21.7	33.6		19.0		29.0		16.9	18.8	18.5	22.0	22.2	19.5	27.6		
30	16.3	19.1	22.7	35.0		19.7		30.1		17.6	19.6	19.2	22.9	23.1	20.4	29.0		
31	16.9	19.9	23.4	36.2		20.4		31.1		18.3	20.3	19.9	23.7	23.9	21.0	30.0		
32	17.5	20.6	24.4	37.8		21.4		32.2		19.3	21.0	20.6	24.8	25.0	21.8	31.4		
33	18.2	21.2	25.2	39.0		22.2		33.3		19.7	21.7	21.3	25.6	25.8	22.6	32.4		
34	18.9	21.9	26.0	40.4		23.0		34.5		20.4	22.5	22.1	26.5	26.7	23.4			
35	19.4	22.6	26.7	41.1		23.4		35.6		21.2	23.4	22.8	27.3	27.5	24.2			
36	20.1	23.4	27.6	43.0		24.0		36.7		21.9	24.2	23.6	28.4	28.6	25.2			
37	20.7	24.2	28.7	44.4		25.3		38.0		22.7	25.1	24.4	29.2	29.5				
38	21.4	25.1	29.7	46.2				39.3			25.9	25.2	30.3	30.6				
38A	22.0	26.0						40.6			26.7	26.0	31.2	31.6				
39	22.8	26.9		47.6				42.0			27.5	26.7	32.1	32.5				
39A								43.1			28.3	27.5	33.0	33.5				
40								44.4			29.1	28.4	34.0	34.5				
41								47.3			31.0	30.1	35.8	36.4				
41A								48.8						37.5				
42								50.2						38.4				
42A								51.5						39.4				
43								53.0						40.4				
43A														41.4				

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SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				*Velocity is measured in feet per second (fps). Pressure is measured in Pounds per Square Inch (PSI).	
10 GA., 3 1/2", FEDERAL PLASTIC SHELL WITH PAPER BASEWAD					
				1165 fps	
2 oz	HS-6	CCI 209M	Rem. SP10 + 2–20 ga. .135" Card	40.0 gr / 9,900 PSI	
				1250 fps	1300 fps
2 oz	Longshot	CCI209M	Rem. SP10 + 1–20 ga. .135" Card	39.4 gr / 9,600 PSI	—
2 oz	Longshot	Fed. 209A	Rem. SP10 + 1–20 ga. .135" Card	40.5 gr / 9,900 PSI	41.2 gr / 11,000 PSI
				1175 fps	1225 fps
2 oz	SR 4756	Fed. 209A	Rem. SP10 + 2–20 ga. .125" Card	37.0 gr / 10,800 PSI	—
2 oz	SR 4756	Rem. 209P	Rem. SP10 + 2–20 ga. .125" Card	—	41.5 gr - 10,800 PSI
2 oz	800-X	Fed. 209A	Rem. SP10 + 4–20 ga. .125" Card	32.0 gr / 10,900 PSI	—
				1250 fps	
2 1/4 oz	Longshot	CCI209M	Rem. SP10 + 1–20 ga. .135" Card	33.0 gr / 10,800 PSI	
2 1/4 oz	Longshot	Fed. 209A	Rem. SP10 + 1–20 ga. .135" Card	33.0 gr / 10,500 PSI	
2 1/4 oz	Longshot	Rem. 209P	Rem. SP10 + 1–20 ga. .135" Card	34.0 gr / 10,300 PSI	
10 GA., 3 1/2", REMINGTON PLASTIC SHELL WITH YELLOW PLASTIC BASEWAD					
				1165 fps	
2 oz	HS-6	CCI 209M	Rem. SP10 + 3–20 ga. .135" Card	40.0 gr / 11,000 PSI	
				1200 fps	
2 oz	Longshot	Fed. 209A	Rem. SP10 + 2–20 ga. .135" Card	36.5 gr / 11,000 PSI	
2 oz	Longshot	Rem. 209P	Rem. SP10 + 2–20 ga. .135" Card	37.5 gr / 11,000 PSI	
2 oz	Longshot	Win. 209	Rem. SP10 + 2–20 ga. .135" Card	38.0 gr / 10,700 PSI	
				1250 fps	
2 1/4 oz	Longshot	CCI209M	Rem. SP10 + 1–20 ga. .135" Card	33.0 gr / 11,000 PSI	
2 1/4 oz	Longshot	Fed. 209A	Rem. SP10 + 1–20 ga. .135" Card	32.0 gr / 11,000 PSI	
				1250 fps	
2 1/4 oz	Longshot	Rem. 209P	Rem. SP10 + 1–20 ga. .135" Card	33.5 gr / 10,800 PSI	
				1200 fps	
2 oz	SR 4756	Rem. 209P	Rem. SP10 + 2–20 ga. .125" Card	39.5 gr / 10,800 PSI	
				1150 fps	
2 oz	800-X	Rem. 209P	Rem. SP10 + 4–20 ga. .125" Card	30.0 gr / 10,900 PSI	
				1250 fps	
2 oz	SR 4756	Win. 209	Rem. SP10 + 1–20 ga. .125" Card	42.0 gr / 10,700 PSI	
				1250 fps	
2 oz	800-X	Win. 209	Rem. SP10 + 2–20 ga. .125" Card	35.0 gr / 10,800 PSI	
				1150 fps	
2 1/4 oz	SR 4756	Win. 209	Rem. SP10	37.0 gr / 11,000 PSI	
2 1/4 oz	800-X	Win. 209	Rem. SP10	32.0 gr / 10,900 PSI	
10 GA., 3 1/2", WINCHESTER POLYFORMED PLASTIC SHELL W/ PLASTIC BASEWAD					
				1165 fps	
2 oz	HS-6	CCI 209M	Rem. SP10 + 2–20 ga. .135" Card	40.0 gr / 10,700 PSI	
				1250 fps	
2 oz	Longshot	CCI209M	Rem. SP10 + 2–20 ga. .135" Card	37.0 gr / 10,900 PSI	

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
10 GA., 3 1/2", WINCHESTER POLYFORMED PLASTIC SHELL W/ PLASTIC BASEWAD (CONT.)					
				1165 fps	
2 oz	Longshot	Fed. 209A	Rem. SP10 + 2–20 ga. .135" Card	37.0 gr / 11,000 PSI	
2 oz	Longshot	Win. 209	Rem. SP10 + 2–20 ga. .135" Card	38.6 gr / 10,200 PSI	
				1200 fps	
2 1/4 oz	Longshot	CCI209M	Rem. SP10	33.5 gr / 11,000 PSI	
2 1/4 oz	Longshot	Fed. 209A	Rem. SP10	31.5 gr / 10,800 PSI	
2 1/4 oz	Longshot	Win. 209	Rem. SP10	37.5 gr / 10,900 PSI	

SHOT		PRIMER	WAD	CHARGE/PRESSURE*			
12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS							
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Titewad	Fed. 209A	Fed. 12S0	19.5 gr/ 6,400 PSI	20.5 gr/ 7,500 PSI	21.6 gr/ 8,800 PSI	22.7 gr/ 9,800 PSI
7/8 oz	Titewad	Win. 209	WAA12L	18.4 gr/ 6,800 PSI	19.3 gr/ 7,400 PSI	20.6 gr/ 8,700 PSI	21.9 gr/ 9,300 PSI
7/8 oz	Clays	Fed. 209A	WAA12L	19.2 gr/ 7,400 PSI	20.0 gr/ 8,000 PSI	21.5 gr/ 9,700 PSI	22.5 gr/11,500 PSI
7/8 oz	Clays	Win. 209	WAA12L	19.0 gr/ 7,000 PSI	20.3 gr/ 8,000 PSI	22.0 gr/ 8,800 PSI	23.0 gr/10,500 PSI
7/8 oz	Internat'l	Fed. 209A	WAA12L	22.3 gr/ 7,500 PSI	23.2 gr/ 8,300 PSI	24.5 gr/ 9,300 PSI	25.7 gr/10,000 PSI
7/8 oz	Internat'l	Win. 209	WAA12L	23.5 gr/ 7,500 PSI	24.3 gr/ 7,900 PSI	25.5 gr/ 9,100 PSI	27.0 gr/10,600 PSI
						1325 fps	1400 fps
7/8 oz	WST	CCI 209	WAA12L	–	–	21.5 gr/ 8,100 PSI	23.0 gr/ 9,000 PSI
7/8 oz	WST	Fed. 209A	WAA12L	–	–	21.0 gr/ 8,300 PSI	23.0 gr/ 9,700 PSI
7/8 oz	WST	Win. 209	WAA12L	–	–	21.0 gr/ 8,200 PSI	23.0 gr/10,300 PSI
				1150 fps	1200 fps	1250 fps	1300 fps
24 gm	700-X	Fed. 209A	Fed. 12S0	16.0 gr/ 5,500 PSI	17.0 gr/ 6,200 PSI	18.0 gr/ 6,800 PSI	19.5 gr/ 7,800 PSI
24 gm	700-X	Fed. 209A	Rem. TGT12	15.5 gr/ 5,000 PSI	16.5 gr/ 5,700 PS	17.5 gr/ 6,200 PSI	19.5 gr/ 7,100 PSI
24 gm	700-X	Fed. 209A	WAA12SL	15.5 gr/ 5,300 PSI	16.5 gr/ 5,900 PSI	17.5 gr/ 6,600 PSI	19.0 gr/ 7,800 PSI
24 gm	700-X	Rem. 209P	Fed. 12S0	16.5 gr/ 4,800 PSI	17.5 gr/ 5,300 PSI	18.5 gr/ 6,000 PSI	20.5 gr/ 7,300 PSI
24 gm	700-X	Rem. 209P	Rem. TGT12	16.0 gr/ 4,200 PSI	17.0 gr/ 4,800 PSI	18.5 gr/ 5,700 PSI	21.0 gr/ 6,500 PSI
24 gm	700-X	Rem. 209P	WAA12SL	16.0 gr/ 4,700 PSI	17.0 gr/ 5,400 PSI	18.0 gr/ 5,900 PSI	20.5 gr/ 6,600 PSI
24 gm	700-X	Win. 209	Fed. 12S0	15.5 gr/ 5,400 PSI	16.5 gr/ 6,100 PSI	17.5 gr/ 6,700 PSI	19.5 gr/ 7,800 PSI
24 gm	700-X	Win. 209	Rem. TGT12	15.5 gr/ 5,200 PSI	16.5 gr/ 5,800 PSI	17.5 gr/ 6,400 PSI	19.5 gr/ 7,800 PSI
24 gm	700-X	Win. 209	WAA12SL	15.5 gr/ 5,100 PSI	16.5 gr/ 5,700 PSI	17.5 gr/ 6,400 PSI	19.0 gr/ 7,500 PSI
24 gm	PB	Fed. 209A	Fed. 12S3	20.0 gr/ 5,200 PSI	21.0 gr/ 5,600 PSI	22.5 gr/ 6,300 PSI	24.0 gr/ 7,000 PSI
24 gm	PB	Fed. 209A	Rem. TGT12	20.0 gr/ 4,700 PSI	21.5 gr/ 5,300 PSI	23.0 gr/ 6,000 PSI	24.5 gr/ 6,700 PSI
24 gm	PB	Fed. 209A	WAA12SL	20.0 gr/ 5,000 PSI	21.0 gr/ 5,300 PSI	22.5 gr/ 5,900 PSI	24.5 gr/ 6,600 PSI
24 gm	PB	Rem. 209P	Fed. 12S3	21.0 gr/ 4,700 PSI	22.0 gr/ 5,100 PSI	23.0 gr/ 5,600 PSI	25.0 gr/ 6,600 PSI
				1150 fps	1200 fps	1250 fps	1325 fps
24 gm	PB	Rem. 209P	Rem. TGT12	21.0 gr/ 3,900 PSI	22.5 gr/ 4,500 PS	24.0 gr/ 5,200 PSI	25.5 gr/ 6,000 PSI
24 gm	PB	Rem. 209P	WAA12SL	21.0 gr/ 3,900 PSI	22.5 gr/ 4,400 PSI	24.0 gr/ 5,100 PSI	25.5 gr/ 5,700 PSI
24 gm	PB	Win. 209	Fed. 12S3	20.5 gr/ 4,800 PSI	22.0 gr/ 5,600 PSI	23.0 gr/ 6,100 PSI	24.5 gr/ 6,900 PSI
24 gm	PB	Win. 209	Rem. TGT12	20.5 gr/ 4,500 PSI	22.0 gr/ 5,000 PSI	23.5 gr/ 5,700 PSI	25.0 gr/ 6,300 PSI
24 gm	PB	Win. 209	WAA12SL	20.5 gr/ 4,300 PSI	21.5 gr/ 4,800 PSI	23.0 gr/ 5,400 PSI	25.0 gr/ 6,200 PSI
24 gm	SR 7625	Fed. 209A	Fed. 12S0	23.5 gr/ 3,800 PSI	25.0 gr/ 4,300 PSI	26.5 gr/ 4,900 PSI	28.0 gr/ 5,400 PSI
24 gm	SR 7625	Fed. 209A	Rem. TGT12	24.0 gr/ 3,700 PSI	25.0 gr/ 4,000 PSI	26.5 gr/ 4,600 PSI	28.5 gr/ 5,400 PSI

12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1150 fps	1200 fps	1250 fps	1450 fps
24 gm	SR 7625	Fed. 209A	WAA12SL	23.5 gr/ 3,800 PSI	24.5 gr/ 4,200 PSI	25.5 gr/ 4,800 PSI	27.0 gr/ 5,600 PSI
24 gm	SR 7625	Win. 209	Fed. 12SO	24.5 gr/ 3,700 PSI	25.5 gr/ 4,000 PSI	27.0 gr/ 4,500 PSI	29.0 gr/ 5,200 PSI
24 gm	SR 7625	Win. 209	Rem. TGT12	24.5 gr/ 3,500 PSI	25.5 gr/ 3,700 PSI	27.0 gr/ 4,200 PSI	29.0 gr/ 4,900 PSI
24 gm	SR 7625	Win. 209	WAA12SL	24.5 gr/ 3,500 PS	25.5 gr/ 3,800 PSI	27.0 gr/ 4,600 PSI	28.5 gr/ 5,400 PSI
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Titewad	CCI 209	WAA12L	17.2 gr/ 7,900 PSI	18.5 gr/ 9,200 PSI	19.8 gr/ 10,400 PSI	21.1 gr/11,300 PSI
1 oz	Titewad	Fed. 209A	Fed. 12SO	17.8 gr/ 7,100 PSI	19.3 gr/ 8,500 PSI	20.8 gr/ 9,600 PSI	21.7 gr/11,300 PSI
1 oz	Titewad	Fed. 209A	Rem. TGT 12	17.0 gr/ 7,500 PSI	18.4 gr/ 8,700 PSI	19.7 gr/ 9,800 PSI	21.0 gr/11,000 PSI
1 oz	Titewad	Win. 209	Fed. 12SO	18.0 gr/ 7,100 PSI	19.1 gr/ 8,600 PSI	20.3 gr/ 10,300 PSI	22.0 gr/11,300 PSI
1 oz	Titewad	Win. 209	WAA12L	17.4 gr/ 7,500 PSI	18.7 gr/ 8,400 PSI	20.2 gr/ 9,700 PSI	21.7 gr/11,300 PSI
				1125 fps	1180 fps	1235 fps	1290 fps
1 oz	Clays	Fed. 209A	Fed. 12SO	16.8 gr/ 6,700 PSI	17.9 gr/ 7,700 PSI	19.3 gr/ 9,200 PSI	20.3 gr/10,800 PSI
1 oz	Clays	Rem. 209P	Rem. TGT 12	18.2 gr/ 5,900 LUP	19.2 gr/ 6,300 LUP	20.2 gr/ 6,800 LUP	21.2 gr/ 7,300 LUP
1 oz	Clays	Win. 209	WAA12SL	17.2 gr/ 6,200 LUP	18.2 gr/ 7,000 LUP	19.1 gr/ 7,600 LUP	20.0 gr/ 8,300 LUP
				1235 fps	1290 fps	1345 fps	1400 fps
1 oz	Internat'l	CCI 209	WAA12SL	21.5 gr/ 7,300 PSI	22.3 gr/ 8,000 PSI	23.5 gr/ 9,100 PSI	24.7 gr/10,200 PSI
1 oz	Internat'l	Fed. 209A	Fed. 12SO	19.9 gr/ 8,300 PSI	21.3 gr/ 9,900 PSI	22.5 gr/ 11,200 PSI	—
1 oz	Internat'l	Fed. 209A	WAA12SL	19.7 gr/ 7,700 PSI	21.0 gr/ 9,100 PSI	22.3 gr/ 10,500 PSI	—
1 oz	Internat'l	Rem. 209P	Rem. TGT 12	20.8 gr/ 7,200 PSI	21.2 gr/ 7,500 PSI	23.3 gr/ 9,400 PSI	24.5 gr/10,400 PSI
1 oz	Internat'l	Win. 209P	WAA12SL	20.5 gr/ 7,200 PSI	22.0 gr/ 8,400 PSI	23.4 gr/ 9,400 PSI	24.7 gr/10,400 PSI
				1100 fps	1150 fps	1200 fps	1250 fps
1 oz	700-X	Fed. 209A	Fed. 12SO	15.0 gr/ 6,100 PSI	16.0 gr/ 6,700 PSI	17.0 gr/ 7,300 PSI	18.5 gr/ 8,200 PSI
1 oz	700-X	Fed. 209A	Rem. TGT12	15.0 gr/ 5,900 PSI	16.0 gr/ 6,500 PSI	17.0 gr/ 7,100 PSI	18.5 gr/ 8,100 PSI
1 oz	700-X	Fed. 209A	WAA12SL	15.0 gr/ 6,000 PSI	16.0 gr/ 6,900 PSI	17.0 gr/ 7,600 PSI	18.5 gr/ 8,500 PSI
1 oz	700-X	Rem. 209P	Fed. 12SO	15.0 gr/ 5,700 PSI	16.0 gr/ 6,300 PSI	18.0 gr/ 7,300 PSI	19.5 gr/ 8,000 PSI
1 oz	700-X	Rem. 209P	Rem. TGT12	16.0 gr/ 5,700 PSI	17.0 gr/ 6,200 PSI	18.0 gr/ 6,600 PSI	19.5 gr/ 7,300 PSI
1 oz	700-X	Rem. 209P	WAA12SL	15.5 gr/ 5,800 PSI	16.5 gr/ 6,600 PSI	17.5 gr/ 7,300 PSI	19.0 gr/ 8,400 PSI
1 oz	700-X	Win. 209	Fed. 12SO	15.5 gr/ 5,900 PSI	16.5 gr/ 6,700 PSI	17.5 gr/ 7,300 PSI	18.5 gr/ 7,800 PSI
1 oz	700-X	Win. 209	Rem. TGT12	15.5 gr/ 5,900 PSI	16.5 gr/ 6,600 PSI	17.5 gr/ 7,200 PSI	18.5 gr/ 7,800 PSI
1 oz	700-X	Win. 209	WAA12SL	15.5 gr/ 6,000 PSI	16.5 gr/ 6,700 PSI	17.5 gr/ 7,600 PSI	18.5 gr/ 8,500 PSI
1 oz	PB	Fed. 209A	Fed. 12S3	19.5 gr/ 5,400 PSI	20.5 gr/ 5,900 PSI	22.0 gr/ 6,700 PSI	23.0 gr/ 7,100 PSI
1 oz	PB	Fed. 209A	Rem. TGT12	19.5 gr/ 5,100 PSI	20.5 gr/ 5,500 PSI	22.0 gr/ 6,200 PSI	24.0 gr/ 6,800 PSI
1 oz	PB	Fed. 209A	WAA12SL	18.0 gr/ 6,000 PSI	19.5 gr/ 6,600 PSI	21.0 gr/ 7,100 PSI	22.5 gr/ 7,600 PSI
1 oz	PB	Rem. 209P	Fed. 12S3	20.0 gr/ 5,200 PSI	21.0 gr/ 5,700 PSI	22.5 gr/ 6,600 PSI	23.5 gr/ 7,200 PSI
1 oz	PB	Rem. 209P	Rem. TGT12	20.5 gr/ 4,300 PSI	22.0 gr/ 5,200 PSI	23.0 gr/ 5,700 PSI	24.0 gr/ 6,300 PSI
1 oz	PB	Rem. 209P	WAA12SL	20.0 gr/ 4,700 PSI	21.5 gr/ 5,300 PSI	22.5 gr/ 5,800 PSI	24.0 gr/ 6,600 PSI
1 oz	PB	Win. 209	Fed. 12S3	19.5 gr/ 5,100 PSI	21.0 gr/ 5,800 PSI	22.5 gr/ 6,500 PSI	23.5 gr/ 6,900 PSI
1 oz	PB	Win. 209	Rem. TGT12	20.0 gr/ 5,300 PSI	21.0 gr/ 5,900 PSI	22.0 gr/ 6,500 PSI	23.5 gr/ 7,000 PSI
1 oz	PB	Win. 209	WAA12SL	19.5 gr/ 4,900 PSI	21.0 gr/ 5,400 PSI	22.5 gr/ 6,000 PSI	24.0 gr/ 6,700 PSI
1 oz	SR 7625	Fed. 209A	Fed. 12S3	22.0 gr/ 4,500 PSI	23.5 gr/ 5,400 PSI	24.5 gr/ 6,000 PSI	25.5 gr/ 6,600 PSI
1 oz	SR 7625	Fed. 209A	Rem. TGT12	22.0 gr/ 4,200 PSI	23.0 gr/ 4,800 PSI	24.0 gr/ 5,500 PSI	25.5 gr/ 6,200 PSI
1 oz	SR 7625	Fed. 209A	WAA12SL	22.5 gr/ 4,600 PSI	23.5 gr/ 5,200 PSI	24.5 gr/ 5,900 PSI	25.5 gr/ 6,600 PSI

12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1100 fps	1150 fps	1200 fps	1250 fps
1 oz	SR 7625	Win. 209	Fed. 12S3	21.5 gr/ 4,700 PSI	22.5 gr/ 5,200 PSI	24.0 gr/ 5,900 PSI	25.5 gr/ 6,600 PSI
1 oz	SR 7625	Win. 209	Rem. TGT12	22.5 gr/ 4,300 PSI	23.5 gr/ 4,700 PSI	25.0 gr/ 5,400 PSI	26.0 gr/ 5,900 PSI
1 oz	SR 7625	Win. 209	WAA12SL	22.5 gr/ 4,600 PSI	23.5 gr/ 4,900 PSI	25.0 gr/ 5,300 PSI	26.0 gr/ 5,600 PSI
				970 fps	1025 fps	1070 fps	1125 fps
1 oz	WAALite	Ched. 209	Fed. 12SO	–	14.3 gr/ 5,400 PSI	14.9 gr/ 6,100 PSI	15.7 gr/ 6,900 PSI
1 oz	WAALite	Ched. 209	WAA12L	–	13.9 gr/ 5,400 PSI	14.8 gr/ 6,100 PSI	15.7 gr/ 6,800 PSI
1 oz	WAALite	Fed. 209A	Fed. 12SO	13.2 gr/ 4,800 PSI	14.2 gr/ 5,900 PSI	14.9 gr/ 6,600 PSI	15.8 gr/ 7,500 PSI
1 oz	WAALite	Fed. 209A	WAA12L	12.9 gr/ 4,800 PSI	13.8 gr/ 5,900 PSI	14.5 gr/ 6,700 PSI	15.3 gr/ 7,700 PSI
1 oz	WAALite	Rem. 209P	Fed. 12SO	–	13.2 gr/ 5,300 PSI	15.1 gr/ 6,100 PSI	16.3 gr/ 6,900 PSI
1 oz	WAALite	Rem. 209P	WAA12L	–	14.7 gr/ 4,900 PSI	15.4 gr/ 5,600 PSI	16.2 gr/ 6,500 PSI
1 oz	WAALite	Win. 209	Fed. 12SO	–	14.9 gr/ 5,200 PSI	15.7 gr/ 6,000 PSI	16.5 gr/ 6,800 PSI
1 oz	WAALite	Win. 209	WAA12L	–	14.6 gr/ 4,600 PSI	15.1 gr/ 5,300 PSI	15.8 gr/ 6,200 PSI
				1180 fps	1235 fps	1290 fps	
1 oz	WST	CCI 209	Fed. 12SO	–	21.0 gr/ 8,500 PSI	22.5 gr/ 9,500 PSI	
1 oz	WST	Win. 209	Fed. 12SO	20.5 gr/ 7,400 PSI	22.0 gr/ 8,500 PSI	23.0 gr/ 9,300 PSI	
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Super Hcp	Ched. 209	WAA12L	19.6 gr/ 5,500 PSI	20.8 gr/ 6,500 PSI	22.0 gr/ 7,500 PSI	23.3 gr/ 8,500 PSI
1 oz	Super Hcp	Fed. 209A	WAA12L	19.5 gr/ 5,700 PSI	20.9 gr/ 6,600 PSI	22.3 gr/ 7,500 PSI	23.8 gr/ 8,600 PSI
1 oz	Super Hcp	Rem. 209P	WAA12L	20.4 gr/ 5,200 PSI	21.6 gr/ 6,100 PSI	22.8 gr/ 7,100 PSI	24.0 gr/ 8,000 PSI
1 oz	Super Hcp	Win. 209	WAA12L	20.6 gr/ 4,800 PSI	21.7 gr/ 5,900 PSI	22.8 gr/ 7,000 PSI	23.9 gr/ 8,100 PSI
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	15.4 gr/ 8,800 PSI	16.7 gr/ 9,900 PSI	18.1 gr/ 11,100 PSI	—
1 1/8 oz	Titewad	Ched. 209	Windjammer	16.0 gr/ 8,100 PSI	17.2 gr/ 9,400 PSI	18.5 gr/ 10,900 PSI	—
1 1/8 oz	Titewad	CCI 209M	G/BP CS12	14.9 gr/ 9,800 PSI	15.9 gr/ 10,800 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Fed. 12S3	16.3 gr/ 8,300 PSI	17.3 gr/ 8,900 PSI	18.8 gr/ 10,300 PSI	—
1 1/8 oz	Titewad	Fed. 209A	Rem. Fig. 8	15.8 gr/ 8,000 PSI	16.9 gr/ 9,600 PSI	18.1 gr/ 11,300 PSI	—
1 1/8 oz	Titewad	Fed. 209A	WAA12	15.4 gr/ 8,200 PSI	16.8 gr/ 9,800 PSI	18.0 gr/ 11,100 PSI	—
1 1/8 oz	Titewad	Rem. 209P	Rem. Fig. 8	16.0 gr/ 7,500 PSI	17.0 gr/ 8,600 PSI	18.0 gr/ 9,500 PSI	—
1 1/8 oz	Titewad	Win. 209	WAA12SL	16.5 gr/ 7,900 PSI	17.5 gr/ 9,100 PSI	18.2 gr/ 9,800 PSI	—
1 1/8 oz	Clays	Ched. 209	Fed. 12S3	16.8 gr/ 8,000 PSI	18.0 gr/ 9,500 PSI	19.2 gr/ 10,900 PSI	
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.5 gr/ 7,600 PSI	17.9 gr/ 9,000 PSI	19.3 gr/ 10,500 PSI	—
1 1/8 oz	Clays	Ched. 209	Windjammer	16.9 gr/ 7,000 PSI	18.2 gr/ 8,400 PSI	19.5 gr/ 9,900 PSI	20.9 gr/11,400 PSI
1 1/8 oz	Clays	Fed. 209A	Fed. 12S3	16.8 gr/ 7,900 PSI	17.1 gr/ 8,600 PSI	19.0 gr/ 10,400 PSI	—
1 1/8 oz	Clays	Fed. 209A	Rem. Fig. 8	17.0 gr/ 7,400 PSI	17.5 gr/ 7,900 PSI	19.0 gr/ 9,600 PSI	—
1 1/8 oz	Clays	Fed. 209A	WAA12	16.5 gr/ 7,700 PSI	17.0 gr/ 8,100 PSI	18.5 gr/ 10,300 PSI	—
1 1/8 oz	Clays	Fed. 209A	Windjammer	16.5 gr/ 7,400 PSI	17.6 gr/ 8,700 PSI	18.8 gr/ 10,100 PSI	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig. 8	16.6 gr/ 7,200 PSI	17.8 gr/ 8,600 PSI	18.9 gr/ 9,900 PSI	20.1 gr/11,300 PSI
1 1/8 oz	Clays	Win. 209	G/BP PISK	16.6 gr/ 8,800 PSI	17.7 gr/ 10,100 PSI	18.8 gr/ 11,300 PSI	—
1 1/8 oz	Clays	Win. 209	Windjammer	17.3 gr/ 6,300 LUP	18.3 gr/ 7,200 LUP	19.4 gr/ 8,100 LUP	—
1 1/8 oz	Internat'l	Ched. 209	Fed. 12S3	18.2 gr/ 7,300 PSI	19.4 gr/ 8,300 PSI	20.6 gr/ 9,400 PSI	21.8 gr/10,500 PSI
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	17.9 gr/ 6,800 PSI	19.3 gr/ 7,900 PSI	21.0 gr/ 9,300 PSI	22.0 gr/10,100 PSI
1 1/8 oz	Internat'l	Ched. 209	Windjammer	18.3 gr/ 6,700 PSI	19.5 gr/ 7,800 PSI	20.8 gr/ 9,000 PSI	22.0 gr/10,000 PSI
1 1/8 oz	Internat'l	CCI 209M	Rem. TGT 12	19.5 gr/ 6,800 LUP	20.0 gr/ 7,000 LUP	20.6 gr/ 7,800 LUP	22.5 gr/ 8,600 LUP
1 1/8 oz	Internat'l	Fed. 209A	Fed. 12S3	18.5 gr/ 7,000 PSI	19.0 gr/ 7,200 PSI	20.5 gr/ 8,800 PSI	22.2 gr/10,600 PSI

12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Internat'l	Fed. 209A	WAA12	—	18.4 gr / 8,200 PSI	19.6 gr / 9,500 PSI	20.7 gr / 10,700 PSI
1 1/8 oz	Internat'l	Fed. 209A	Windjammer	19.0 gr / 6,200 PSI	19.5 gr / 6,500 PSI	20.8 gr / 8,000 PSI	22.5 gr / 9,200 PSI
1 1/8 oz	Internat'l	Rem. 209P	G/BP CS12	—	18.8 gr / 8,100 PSI	20.0 gr / 9,100 PSI	21.2 gr / 10,500 PSI
1 1/8 oz	Internat'l	Win. 209	WAA12SL	19.1 gr / 6,600 LUP	20.1 gr / 7,100 LUP	21.0 gr / 7,500 LUP	22.4 gr / 8,900 LUP
1 1/8 oz	Internat'l	Win. 209	Windjammer	—	19.5 gr / 7,000 PSI	20.8 gr / 8,000 PSI	22.2 gr / 9,000 PSI
				1200 fps	1255 fps	1310 fps	
1 1/8 oz	Universal	CCI 209	Windjammer	25.2 gr / 7,300 PSI	26.5 gr / 8,200 PSI	28.0 gr / 8,800 PSI	
1 1/8 oz	Universal	Fed. 209A	Fed. 12S3	23.0 gr / 8,700 PSI	24.4 gr / 9,600 PSI	25.7 gr / 10,500 PSI	
1 1/8 oz	Universal	Win. 209	Rem. Fig. 8	24.0 gr / 8,000 PSI	25.0 gr / 8,700 PSI	26.8 gr / 9,500 PSI	
1 1/8 oz	Universal	Win. 209	WAA12	23.2 gr / 8,800 PSI	24.5 gr / 9,700 PSI	25.0 gr / 10,400 PSI	
				1420 fps	1475 fps	1530 fps	1585 fps
1 1/8 oz.	Longshot	CCI 209M	Fed. 12S3	32.2 gr / 8,400 PSI	33.6 gr / 9,500 PSI	34.9 gr / 10,600 PSI	—
1 1/8 oz.	Longshot	CCI 209M	Rem. Fig. 8	32.2 gr / 8,500 PSI	33.8 gr / 9,400 PSI	35.5 gr / 10,400 PSI	37.1 gr / 11,400PSI
1 1/8 oz.	Longshot	CCI 209M	WAA12	31.4 gr / 8,800 PSI	33.2 gr / 9,500 PSI	35.0 gr / 10,300 PSI	36.8 gr / 11,000PSI
1 1/8 oz.	Longshot	Fed. 209A	Fed. 12S3	32.0 gr / 9,000 PSI	33.3 gr / 10,000 PSI	34.6 gr / 11,500 PSI	—
1 1/8 oz.	Longshot	Fed. 209A	Rem. Fig. 8	32.2 gr / 8,600 PSI	33.6 gr / 9,500 PSI	35.0 gr / 10,500 PSI	36.4 gr / 11,400PSI
1 1/8 oz.	Longshot	Fed. 209A	WAA12	31.7 gr / 8,900 PSI	33.1 gr / 9,700 PSI	34.6 gr / 10,700 PSI	36.0 gr / 11,500 PSI
1 1/8 oz.	Longshot	Fed. 209A	Windjammer	32.3 gr / 8,200 PSI	33.9 gr / 9,200 PSI	35.5 gr / 10,200 PSI	37.1 gr / 11,200 PSI
1 1/8 oz.	Longshot	Rem. 209P	Fed. 12S3	32.9 gr / 8,400 PSI	34.1 gr / 9,300 PSI	35.3 gr / 10,200 PSI	—
1 1/8 oz.	Longshot	Rem. 209P	Rem. Fig. 8	32.1 gr / 8,200 PSI	33.9 gr / 9,100 PSI	35.6 gr / 10,000 PSI	37.4 gr / 10,900 PSI
1 1/8 oz.	Longshot	Rem. 209P	WAA12	32.4 gr / 8,200 PSI	33.9 gr / 9,100 PSI	35.4 gr / 10,000 PSI	36.9 gr / 10,900 PSI
1 1/8 oz.	Longshot	Rem. 209P	Windjammer	32.9 gr / 7,900 PSI	34.4 gr / 8,800 PSI	35.9 gr / 9,600 PSI	37.5 gr / 10,500 PSI
1 1/8 oz.	Longshot	Win. 209	Fed. 12S3	34.2 gr / 7,100 PSI	35.5 gr / 8,200 PSI	36.8 gr / 9,400 PSI	38.1 gr / 10,600 PSI
1 1/8 oz.	Longshot	Win. 209	Rem. Fig. 8	34.9 gr / 7,100 PSI	36.0 gr / 8,100 PSI	37.1 gr / 9,100 PSI	38.2 gr / 10,000 PSI
1 1/8 oz.	Longshot	Win. 209	WAA12	34.0 gr / 7,600 PSI	35.2 gr / 8,500 PSI	36.4 gr / 9,400 PSI	37.8 gr / 10,400 PSI
1 1/8 oz.	Longshot	Win. 209	Windjammer	35.0 gr / 7,100 PSI	36.2 gr / 8,000 PSI	37.4 gr / 8,900 PSI	38.5 gr / 10,100 PSI
				1100 fps	1150 fps	1200 fps	1250 fps
1 1/8 oz	700-X	Fed. 209A	Fed. 12S3	16.0 gr / 7,900 PSI	17.0 gr / 8,600 PSI	18.5 gr / 9,500 PSI	20.0 gr / 10,400 PSI
1 1/8 oz	700-X	Fed. 209A	Rem. TGT12	16.0 gr / 7,400 PSI	17.0 gr / 8,200 PSI	18.0 gr / 9,100 PSI	19.5 gr / 10,500 PSI
1 1/8 oz	700-X	Fed. 209A	WAA12SL	16.0 gr / 7,900 PSI	17.0 gr / 8,700 PSI	18.0 gr / 9,500 PSI	19.5 gr / 10,600 PSI
1 1/8 oz	700-X	Rem. 209P	Fed. 12S3	16.0 gr / 7,500 PSI	17.5 gr / 8,300 PSI	18.5 gr / 8,900 PSI	20.0 gr / 9,800 PSI
1 1/8 oz	700-X	Rem. 209P	Rem. TGT12	16.0 gr / 6,900 PSI	17.5 gr / 7,800 PSI	18.5 gr / 8,500 PSI	20.0 gr / 9,500 PSI
1 1/8 oz	700-X	Rem. 209P	WAA12SL	16.5 gr / 7,500 PSI	17.5 gr / 8,200 PSI	18.5 gr / 8,700 PSI	20.0 gr / 9,500 PSI
1 1/8 oz	700-X	Win. 209	Fed. 12S3	16.0 gr / 7,800 PSI	17.0 gr / 8,500 PSI	18.0 gr / 9,400 PSI	19.5 gr / 10,700 PSI
1 1/8 oz	700-X	Win. 209	Rem. TGT12	16.0 gr / 6,800 PSI	17.0 gr / 7,500 PSI	18.5 gr / 8,600 PSI	20.0 gr / 9,600 PSI
1 1/8 oz	700-X	Win. 209	WAA12SL	16.0 gr / 7,200 PSI	17.0 gr / 7,900 PSI	18.5 gr / 9,100 PSI	19.5 gr / 9,900 PSI
1 1/8 oz	PB	Fed. 209A	Fed. 12S3	19.5 gr / 6,600 PSI	21.0 gr / 7,100 PSI	22.5 gr / 7,600 PSI	24.0 gr / 8,700 PSI
1 1/8 oz	PB	Fed. 209A	Rem. FIG. 8	20.0 gr / 6,000 PSI	21.5 gr / 6,600 PSI	23.0 gr / 7,300 PSI	24.5 gr / 8,000 PSI
1 1/8 oz	PB	Fed. 209A	WAA12	19.5 gr / 6,100 PSI	21.0 gr / 7,000 PSI	22.5 gr / 7,900 PSI	24.0 gr / 8,800 PSI
1 1/8 oz	PB	Fed. 209A	Windjammer	20.5 gr / 5,900 PSI	21.5 gr / 6,400 PSI	23.0 gr / 7,200 PSI	24.0 gr / 7,800 PSI
1 1/8 oz	PB	Rem. 209P	Fed. 12S3	20.5 gr / 6,000 PSI	22.0 gr / 6,500 PSI	23.0 gr / 7,000 PSI	25.0 gr / 8,400 PSI
1 1/8 oz	PB	Rem. 209P	Rem. FIG. 8	21.0 gr / 5,500 PSI	22.5 gr / 6,100 PSI	23.5 gr / 6,600 PSI	25.0 gr / 7,500 PSI
1 1/8 oz	PB	Rem. 209P	WAA12SL	20.5 gr / 5,700 PSI	21.5 gr / 6,400 PSI	23.0 gr / 7,300 PSI	25.0 gr / 8,000 PSI

12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1100 fps	1150 fps	1200 fps	1250 fps
1 1/8 oz	PB	Rem. 209P	Windjammer	21.0 gr / 5,000 PSI	22.5 gr / 5,900 PSI	24.0 gr / 6,400 PSI	25.5 gr / 6,900 PSI
1 1/8 oz	PB	Win. 209	Fed. 12S3	20.5 gr / 6,100 PSI	22.0 gr / 7,000 PSI	23.0 gr / 7,600 PSI	24.5 gr / 8,400 PSI
1 1/8 oz	PB	Win. 209	Rem. FIG. 8	21.0 gr / 5,900 PSI	22.0 gr / 6,300 PSI	23.5 gr / 7,000 PSI	25.0 gr / 7,800 PSI
1 1/8 oz	PB	Win. 209	WAA12SL	21.0 gr / 6,000 PSI	22.0 gr / 6,600 PSI	23.5 gr / 7,500 PSI	25.0 gr / 8,200 PSI
1 1/8 oz	PB	Win. 209	Windjammer	21.0 gr / 5,500 PSI	22.0 gr / 6,000 PSI	23.5 gr / 7,000 PSI	24.5 gr / 7,700 PSI
1 1/8 oz	SR 7625	Win. 209	WAA12	22.5 gr / 5,600 PSI	24.0 gr / 6,200 PSI	25.0 gr / 6,600 PSI	26.5 gr / 7,400 PSI
1 1/8 oz	SR 7625	Win. 209	Windjammer	23.0 gr / 4,900 PSI	24.5 gr / 5,400 PSI	26.0 gr / 6,200 PSI	27.0 gr / 6,900 PSI
1 1/8 oz	SR 7625	Fed. 209A	Fed. 12S3	22.0 gr / 5,600 PSI	23.5 gr / 6,400 PSI	24.5 gr / 6,900 PSI	26.5 gr / 7,700 PSI
1 1/8 oz	SR 7625	Fed. 209A	Rem. FIG. 8	22.5 gr / 5,300 PSI	24.0 gr / 5,700 PSI	25.5 gr / 6,600 PSI	26.5 gr / 7,100 PSI
1 1/8 oz	SR 7625	Fed. 209A	WAA12	21.5 gr / 6,100 PSI	23.0 gr / 6,700 PSI	24.5 gr / 7,400 PSI	26.0 gr / 8,200 PSI
1 1/8 oz	SR 7625	Fed. 209A	Windjammer	23.0 gr / 5,100 PSI	24.0 gr / 5,600 PSI	25.5 gr / 6,400 PSI	27.0 gr / 7,400 PSI
1 1/8 oz	SR 7625	Rem. 209P	Fed. 12S3	23.0 gr / 5,200 PSI	24.5 gr / 6,000 PSI	25.5 gr / 6,400 PSI	27.0 gr / 7,400 PSI
1 1/8 oz	SR 7625	Rem. 209P	Rem. FIG. 8	24.0 gr / 5,000 PSI	25.5 gr / 5,700 PSI	27.0 gr / 6,000 PSI	28.5 gr / 6,300 PSI
1 1/8 oz	SR 7625	Rem. 209P	WAA12	22.0 gr / 5,600 PSI	23.5 gr / 6,000 PSI	25.5 gr / 6,600 PSI	27.5 gr / 7,200 PSI
1 1/8 oz	SR 7625	Rem. 209P	Windjammer	24.0 gr / 4,300 PSI	25.5 gr / 4,700 PSI	27.0 gr / 5,400 PSI	28.5 gr / 6,100 PSI
1 1/8 oz	SR 7625	Win. 209	Fed. 12S3	23.0 gr / 5,400 PS	24.5 gr / 6,200 PS	25.5 gr / 6,700 PSI	27.0 gr / 7,500 PSI
1 1/8 oz	SR 7625	Win. 209	Rem. FIG. 8	23.0 gr / 5,200 PSI	24.5 gr / 5,800 PSI	25.5 gr / 6,300 PSI	27.0 gr / 7,100 PSI
1 1/8 oz	800-X	CCI 209	Fed. 12S3	21.0 gr / 5,800 PSI	22.5 gr / 6,400 PSI	24.0 gr / 6,800 PSI	26.0 gr / 7,300 PSI
1 1/8 oz	800-X	CCI 209	Rem. FIG. 8	21.0 gr / 5,500 PSI	22.5 gr / 5,900 PSI	24.0 gr / 6,300 PSI	26.0 gr / 6,900 PSI
1 1/8 oz	800-X	CCI 209	WAA12	21.5 gr / 5,200 PSI	22.5 gr / 5,600 PSI	24.0 gr / 6,300 PSI	25.5 gr / 7,100 PSI
1 1/8 oz	800-X	CCI 209	Windjammer	22.5 gr / 4,200 PSI	23.5 gr / 4,800 PSI	25.0 gr / 5,700 PSI	26.0 gr / 6,300 PSI
1 1/8 oz	800-X	Fed. 209A	Fed. 12S3	20.5 gr / 5,700 PSI	22.0 gr / 6,400 PSI	23.0 gr / 6,900 PSI	25.0 gr / 7,700 PSI
1 1/8 oz	800-X	Fed. 209A	Rem. FIG. 8	21.0 gr / 5,400 PSI	22.5 gr / 6,000 PSI	24.0 gr / 6,600 PSI	25.5 gr / 7,100 PSI
1 1/8 oz	800-X	Fed. 209A	WAA12	20.5 gr / 5,800 PSI	21.5 gr / 6,300 PSI	23.0 gr / 7,000 PSI	24.5 gr / 7,700 PSI
1 1/8 oz	800-X	Fed. 209A	Windjammer	22.0 gr / 4,900 PSI	23.0 gr / 5,400 PSI	24.0 gr / 5,900 PSI	25.5 gr / 6,700 PSI
1 1/8 oz	800-X	Win. 209	Fed. 12S3	20.5 gr / 5,700 PSI	22.0 gr / 6,300 PSI	23.0 gr / 6,800 PSI	24.5 gr / 7,500 PSI
1 1/8 oz	800-X	Win. 209	Rem. FIG. 8	21.0 gr / 5,400 PSI	22.0 gr / 5,900 PSI	23.5 gr / 6,500 PSI	25.0 gr / 7,100 PSI
1 1/8 oz	800-X	Win. 209	WAA12	20.5 gr / 5,800 PSI	21.5 gr / 6,300 PSI	23.0 gr / 7,000 PSI	25.0 gr / 7,700 PSI
1 1/8 oz	800-X	Win. 209	Windjammer	22.0 gr / 4,900 PSI	23.0 gr / 5,400 PSI	24.0 gr / 5,900 PSI	25.5 gr / 6,700 PSI
				980 fps	1035 fps	1090 fps	1145 fps
1 1/8 oz	WAALite	Ched. 209	Fed. 12SO	13.6 gr / 6,500 PSI	14.8 gr / 7,700 PSI	15.9 gr / 8,900 PSI	17.0 gr / 10,300 PSI
1 1/8 oz	WAALite	Ched. 209	J-XL-1	–	14.6 gr / 7,000 PSI	15.6 gr / 8,400 PSI	17.0 gr / 10,100 PSI
1 1/8 oz	WAALite	Ched. 209	Rem. TGT12	13.8 gr / 6,400 PSI	14.7 gr / 7,400 PSI	15.6 gr / 8,500 PSI	17.0 gr / 10,000 PSI
1 1/8 oz	WAALite	Ched. 209	WAA12SL	13.6 gr / 6,400 PSI	14.5 gr / 7,300 PSI	15.5 gr / 8,300 PSI	16.9 gr / 9,800 PSI
1 1/8 oz	WAALite	Fed. 209A	Fed. 12SO	13.6 gr / 6,600 PSI	14.9 gr / 7,800 PSI	16.1 gr / 8,800 PSI	17.2 gr / 9,800 PSI
1 1/8 oz	WAALite	Fed. 209A	J-XL-1	–	14.5 gr / 7,300 PSI	15.5 gr / 8,600 PSI	17.0 gr / 9,600 PSI
1 1/8 oz	WAALite	Fed. 209A	Rem. TGT12	–	14.8 gr / 7,700 PSI	15.9 gr / 8,900 PSI	16.8 gr / 10,000 PSI
1 1/8 oz	WAALite	Fed. 209A	WAA12SL	13.1 gr / 6,500 PSI	14.3 gr / 7,600 PSI	15.5 gr / 8,700 PSI	16.7 gr / 9,900 PSI
1 1/8 oz	WAALite	Rem. 209P	Fed. 12SO	13.8 gr / 6,100 PSI	14.9 gr / 7,200 PSI	15.9 gr / 8,200 PSI	17.0 gr / 9,200 PSI
1 1/8 oz	WAALite	Rem. 209P	J-XL-1	14.0 gr / 5,500 PSI	15.0 gr / 6,500 PSI	16.2 gr / 7,800 PSI	17.1 gr / 8,800 PSI
1 1/8 oz	WAALite	Rem. 209P	Rem. TGT12	14.0 gr / 5,900 PSI	15.1 gr / 7,200 PSI	16.2 gr / 8,600 PSI	17.0 gr / 9,600 PSI
1 1/8 oz	WAALite	Rem. 209P	WAA12SL	14.1 gr / 5,400 PSI	15.2 gr / 6,700 PSI	16.2 gr / 7,900 PSI	17.2 gr / 9,100 PSI
1 1/8 oz	WAALite	Win. 209	Fed. 12SO	14.0 gr / 5,800 PSI	15.1 gr / 7,100 PSI	16.1 gr / 8,300 PSI	17.2 gr / 9,600 PSI
1 1/8 oz	WAALite	Win. 209	J-XL-1	13.8 gr / 5,900 PSI	14.9 gr / 7,000 PSI	15.8 gr / 7,900 PSI	16.9 gr / 9,000 PSI

12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				980 fps	1035 fps	1090 fps	1145 fps
1 1/8 oz	WAALite	Win. 209	WAA12SL	13.5 gr/ 6,000 PSI	14.7 gr/ 7,000 PSI	15.8 gr/ 8,400 PSI	17.0 gr/ 9,900 PSI
				1145 fps	1200 fps	1255 fps	1310 fps
1 1/8 oz	WST	CCI 209	Fed. 12S3	19.5 gr/ 8,500 PSI	21.0 gr/10,300 PSI	–	–
1 1/8 oz	WST	Win. 209	Fed. 12S3	–	21.0 gr/ 9,500 PSI	–	–
1 1/8 oz	Super Hcp	Ched. 209	Fed. 12SO	19.4 gr/ 6,400 PSI	20.9 gr/ 7,800 PSI	23.4 gr/10,200 PSI	23.8 gr/10,600 PSI
1 1/8 oz	Super Hcp	Ched. 209	Rem. TGT12	–	20.5 gr/ 7,000 PSI	22.0 gr/ 8,100 PSI	23.5 gr/ 9,200 PSI
1 1/8 oz	Super Hcp	Ched. 209	WAA12SL	–	21.1 gr/ 6,900 PSI	22.3 gr/ 8,200 PSI	23.6 gr/ 9,700 PSI
1 1/8 oz	Super Hcp	Fed. 209A	Fed. 12SO	18.8 gr/ 6,600 PSI	20.5 gr/ 7,800 PSI	21.3 gr/ 8,400 PSI	23.9 gr/10,400 PSI
1 1/8 oz	Super Hcp	Fed. 209A	J-XL-1	–	20.7 gr/ 7,500 PSI	22.3 gr/ 8,600 PSI	24.0 gr/ 9,800 PSI
1 1/8 oz	Super Hcp	Fed. 209A	Rem. TGT12	–	21.0 gr/ 7,400 PSI	22.2 gr/ 8,500 PSI	23.8 gr/10,000 PSI
1 1/8 oz	Super Hcp	Fed. 209A	WAA12SL	19.0 gr/ 6,600 PSI	20.5 gr/ 7,800 PSI	22.0 gr/ 8,900 PSI	23.6 gr/10,200 PSI
1 1/8 oz	Super Hcp	Rem. 209P	Fed. 12SO	19.9 gr/ 6,100 PSI	21.3 gr/ 7,700 PSI	22.7 gr/ 9,000 PSI	24.1 gr/10,400 PSI
1 1/8 oz	Super Hcp	Rem. 209P	J-XL-1	–	21.6 gr/ 7,000 PSI	22.8 gr/ 8,200 PSI	24.2 gr/ 9,500 PSI
1 1/8 oz	Super Hcp	Rem. 209P	Rem. TGT12	–	21.2 gr/ 6,900 PSI	22.7 gr/ 8,200 PSI	24.1 gr/ 9,500 PSI
1 1/8 oz	Super Hcp	Rem. 209P	WAA12SL	19.6 gr/ 5,800 PSI	21.2 gr/ 7,000 PSI	22.8 gr/ 8,200 PSI	24.4 gr/ 9,400 PSI
1 1/8 oz	Super Hcp	Win. 209	Fed. 12SO	20.5 gr/ 5,700 PSI	21.9 gr/ 7,200 PSI	23.3 gr/ 8,700 PSI	24.6 gr/10,100 PSI
1 1/8 oz	Super Hcp	Win. 209	Rem. TGT12	–	21.6 gr/ 7,100 PSI	23.0 gr/ 8,100 PSI	24.5 gr/ 9,400 PSI
1 1/8 oz	Super Hcp	Win. 209	WAA12SL	19.7 gr/ 5,800 PSI	21.4 gr/ 7,100 PSI	23.0 gr/ 8,300 PSI	24.6 gr/ 9,500 PSI
				1220 fps	1330 fps		
1 1/4 oz	Universal	CCI 209	Fed. 12S4	25.0 gr/10,100 PSI	—		
1 1/4 oz	Universal	Fed. 209A	Fed. 12S4	23.3 gr/10,400 PSI	—		
1 1/4 oz	Universal	Fio. 616	Rem. SP12	24.7 gr/ 9,200 PSI	—		
1 1/4 oz	Universal	Win. 209	WAA12 F114	24.5 gr/10,300 PSI	—		
1 1/4 oz	HS-6	Win. 209	WAA12F114	32.0 gr/ 9,600 LUP	34.5 gr/10,100 LUP		
				1330 fps	1385 fps	1440 fps	1495 fps
1 1/4 oz	Longshot	CCI 209 M	Fed. 12S3	29.5 gr/10,200 PSI	30.6 gr/10,900 PSI	—	—
1 1/4 oz	Longshot	CCI 209M	Rem. R12L	29.8 gr/ 8,700 PSI	31.5 gr/ 9,500 PSI	33.2 gr/10,400 PSI	—
1 1/4 oz	Longshot	CCI 209M	WAA12F114	29.2 gr/ 9,000 PSI	30.6 gr/ 9,900 PSI	32.0 gr/10,900 PSI	—
1 1/4 oz	Longshot	Fed. 209A	Fed. 12S4	28.4 gr/ 9,800 PSI	30.2 gr/10,800 PSI	—	—
1 1/4 oz	Longshot	Fed. 209A	Rem. R12L	29.2 gr/ 9,400 PSI	30.7 gr/10,400 PSI	32.1 gr/11,400 PSI	—
1 1/4 oz	Longshot	Fed. 209A	WAA12F114	28.2 gr/ 9,900 PSI	29.9 gr/10,900 PSI	—	—
1 1/4 oz	Longshot	Rem. 209P	Fed. 12S4	28.4 gr/ 9,400 PSI	30.1 gr/10,300 PSI	31.8 gr/11,300 PSI	—
1 1/4 oz	Longshot	Rem. 209P	Rem. R12L	29.1 gr/ 8,800 PSI	31.1 gr/ 9,700 PSI	33.0 gr/10,500 PSI	—
1 1/4 oz	Longshot	Rem. 209P	WAA12F114	28.3 gr/ 9,200 PSI	30.3 gr/10,100 PSI	32.4 gr/11,000 PSI	—
1 1/4 oz	Longshot	Win. 209	Fed. 12S4	29.7 gr/ 8,000 PSI	31.3 gr/ 9,300 PSI	32.9 gr/10,600 PSI	—
1 1/4 oz	Longshot	Win. 209	Rem. R12L	30.7 gr/ 7,700 PSI	32.2 gr/ 8,700 PSI	33.6 gr/ 9,700 PSI	35.0 gr/10,800 PSI
1 1/4 oz	Longshot	Win. 209	WAA12F114	—	33.4 gr/ 7,200 PSI	34.4 gr/ 9,200 PSI	35.4 gr/11,300 PSI
				1250 fps	1275 fps	1300 fps	1325 fps
1 1/4 oz	PB	Fed. 209A	Fed. 12S4	23.5 gr/10,500 PSI	25.0 gr/11,300 PSI	—	—
1 1/4 oz	PB	Fed. 209A	Rem. FIG. 8	—	25.5 gr/10,500 PSI	—	27.0 gr/11,500 PSI
1 1/4 oz	PB	Rem. 209P	Fed. 12S4	—	—	26.5 gr/10,000 PSI	28.0 gr/11,100 PSI
1 1/4 oz	PB	Rem. 209P	Rem. SP12	—	27.5 gr/ 9,200 PSI	—	29.0 gr/10,500 PSI
1 1/4 oz	PB	Win. 209	Fed. 12S4	—	26.0 gr/10,800 PSI	—	27.5 gr/11,500 PSI

12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps	1275 fps	1300 fps	1325 fps
1 1/4 oz	PB	Win. 209	Rem. SP12	—	26.5 gr/ 9,800 PSI	—	28.0 gr/10,600 PSI
1 1/4 oz	SR 7625	Fed. 209A	Fed. 12S3	—	27.0 gr/10,100 PSI	—	29.0 gr/11,000 PSI
1 1/4 oz	SR 7625	Fed. 209A	Rem. SP12	—	27.0 gr/10,000 PSI	—	28.5 gr/11,000 PSI
1 1/4 oz	SR 7625	Fed. 209A	WAA12	—	27.0 gr/10,100 PSI	—	28.5 gr/11,400 PSI
1 1/4 oz	SR 7625	Rem. 209P	Fed. 12S3	—	28.0 gr/ 8,900 PSI	—	30.0 gr/ 9,700 PSI
1 1/4 oz	SR 7625	Rem. 209P	Rem. SP12	—	29.0 gr/ 8,200 PSI	—	30.5 gr/ 8,900 PSI
1 1/4 oz	SR 7625	Rem. 209P	Windjammer	—	29.0 gr/ 8,300 PSI	—	30.5 gr/ 9,000 PSI
1 1/4 oz	SR 7625	Win. 209	Fed. 12S3	—	28.0 gr/ 9,200 PSI	—	30.0 gr/10,300 PSI
1 1/4 oz	SR 7625	Win. 209	WAA12	—	28.0 gr/ 9,100 PSI	—	29.5 gr/10,200 PSI
1 1/4 oz	SR 7625	Win. 209	Windjammer	—	28.5 gr/ 8,300 PSI	—	30.0 gr/ 9,000 PSI
1 1/4 oz	SR 4756	Fed. 209A	Fed. 12S4	—	30.0 gr/ 9,700 PSI	—	31.5 gr/10,400 PSI
1 1/4 oz	SR 4756	Fed. 209A	Rem. SP12	—	30.0 gr/ 9,000 PSI	—	31.5 gr/ 9,800 PSI
1 1/4 oz	SR 4756	Fed. 209A	WAA12R	—	30.5 gr/ 8,900 PSI	—	31.5 gr/ 9,700 PSI
1 1/4 oz	SR 4756	Rem. 209P	Fed. 12S4	—	33.0 gr/ 7,600 PSI	—	—
1 1/4 oz	SR 4756	Rem. 209P	WAA12R	—	33.0 gr/ 8,000 PSI	—	34.0 gr/ 8,900 PSI
1 1/4 oz	SR 4756	Win. 209	Fed. 12S4	—	31.0 gr/ 9,100 PSI	—	32.0 gr/ 9,800 PSI
1 1/4 oz	SR 4756	Win. 209	Rem. RP12	—	32.0 gr/ 8,800 PSI	—	33.0 gr/ 9,400 PSI
1 1/4 oz	SR 4756	Win. 209	WAA12R	—	30.5 gr/ 8,400 PSI	—	32.0 gr/ 8,900 PSI
1 1/4 oz	800-X	Fed. 209A	Fed. 12S4	—	25.0 gr/ 9,500 PSI	—	26.5 gr/10,400 PSI
1 1/4 oz	800-X	Fed. 209A	Rem. SP12	—	25.5 gr/ 9,100 PSI	—	27.0 gr/ 9,900 PSI
1 1/4 oz	800-X	Fed. 209A	WAA12	—	26.0 gr/ 9,200 PSI	—	27.5 gr/10,100 PSI
1 1/4 oz	800-X	Rem. 209P	Fed. 12S4	—	26.5 gr/ 8,900 PSI	—	28.0 gr/ 9,700 PSI
1 1/4 oz	800-X	Rem. 209P	Rem. SP12	—	27.0 gr/ 7,700 PSI	—	29.0 gr/ 8,500 PSI
1 1/4 oz	800-X	Rem. 209P	WAA12	—	27.0 gr/ 7,900 PSI	—	28.5 gr/ 9,000 PSI
1 1/4 oz	800-X	Win. 209	Fed. 12S3	—	26.0 gr/ 8,800 PSI	—	27.5 gr/ 9,700 PSI
1 1/4 oz	800-X	Win. 209	Rem. SP12	—	26.0 gr/ 8,200 PSI	—	27.5 gr/ 9,700 PSI
1 1/4 oz	800-X	Win. 209	WAA12	—	25.5 gr/ 8,600 PSI	—	27.5 gr/ 9,600 PSI
				1275 fps	1330 fps		
1 1/4 oz	WSF	CCI 209	Fed. 12S4	27.0 gr/ 9,200 PSI	29.5 gr/10,600 PSI	–	–
1 1/4 oz	WSF	Win. 209	Fed. 12S4	–	31.5 gr/ 9,500 PSI	–	–
				1185 fps	1240 fps	1295 fps	1350 fps
1 3/8 oz	Longshot	CCI 209 M	Fed. 12S4	23.8 gr/ 9,500 PSI	25.4 gr/10,100 PSI	27.1 gr/10,900 PSI	—
1 3/8 oz	Longshot	CCI 209 M	Rem. R12H	25.0 gr/ 8,500 PSI	26.6 gr/ 9,500 PSI	28.2 gr/10,500 PSI	29.8 gr/11,500 PSI
1 3/8 oz	Longshot	CCI 209 M	WAA12F114	24 gr. / 9,100 PSI	25.5 gr. / 10,300 PSI	27 gr. / 11,400 PSI	—
1 3/8 oz	Longshot	FED. 209A	Fed. 12S4	24.6 gr/ 9,500 PSI	26.2 gr/10,700 PSI	—	
1 3/8 oz	Longshot	FED. 209A	Rem. R12H	25.7 gr/ 8,600 PSI	27.3 gr/ 9,500 PSI	29.0 gr/10,400 PSI	
1 3/8 oz	Longshot	FED. 209A	WAA12F114	24.6 gr/ 9,300 PSI	26.3 gr/10,300 PSI	28.0 gr/11,500 PSI	
1 3/8 oz	Longshot	REM. 209P	Fed. 12S4	24.8 gr/ 8,900 PSI	26.4 gr/10,300 PSI	27.9 gr/11,500 PSI	—
1 3/8 oz	Longshot	REM. 209P	Rem. R12H	27.3 gr/ 7,700 PSI	28.4 gr/ 8,600 PSI	29.5 gr/ 9,600 PSI	30.6 gr/10,500 PSI
1 3/8 oz	Longshot	REM. 209P	WAA12F114	25.2 gr/ 8,700 PSI	26.8 gr/ 9,700 PSI	28.3 gr/10,700 PSI	—
1 3/8 oz	Longshot	WIN. 209	Rem. R12H	28.7 gr/ 6,900 PSI	29.6 gr/ 8,000 PSI	30.6 gr/ 9,200 PSI	31.6 gr/10,400 PSI
1 3/8 oz	Longshot	WIN. 209	WAA12F114	26.5 gr/ 8,400 PSI	28.1 gr/ 9,100 PSI	29.8 gr/ 9,900 PSI	—

12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1175 fps	1200 fps	1225 fps	1250 fps
1 3/8 oz	PB	Fed. 209A	Rem. SP12	22.5 gr/ 10,900 PSI	—	—	—
1 3/8 oz	PB	Fed. 209A	WAA12R	22.5 gr/ 10,800 PSI	—	—	—
1 3/8 oz	PB	Rem. 209P	Rem. SP12	—	24.5 gr / 11,000 PSI	—	—
1 3/8 oz	PB	Rem. 209P	WAA12R	—	—	—	26.5 gr/11,000 PSI
1 3/8 oz	PB	Win. 209	Rem. SP12	23.5 gr/ 11,100 PSI	—	—	—
1 3/8 oz	PB	Win. 209	WAA12R	—	24.0 gr / 11,000 PSI	—	—
1 3/8 oz	SR 7625	Fed. 209A	Rem. SP12	25.0 gr/ 11,200 PSI	—	—	—
1 3/8 oz	SR 7625	Fed. 209A	WAA12R	—	26.0 gr / 11,000 PSI	—	—
1 3/8 oz	SR 7625	Rem. 209P	Rem. RP12	—	—	—	28.0 gr/11,100 PSI
1 3/8 oz	SR 7625	Rem. 209P	WAA12R	—	—	—	28.5 gr/11,000 PSI
1 3/8 oz	SR 7625	Win. 209	Rem. SP12	—	26.5 gr / 11,200 PSI	—	—
1 3/8 oz	SR 7625	Win. 209	WAA12R	—	27.0 gr / 11,000 PSI	—	—
1 3/8 oz	SR 4756	Fed. 209A	Rem. RP12	—	—	—	30.0 gr/10,900 PSI
				1300 fps	1325 fps	1350 fps	
1 3/8 oz	SR 4756	Fed. 209A	WAA12R	31.5 gr/ 11,000 PSI	—	—	
1 3/8 oz	SR 4756	Rem. 209P	Rem. RP12	—	—	34.5 gr/ 10,900 PSI	
1 3/8 oz	SR 4756	Rem. 209P	WAA12R	—	—	35.0 gr/ 10,500 PSI	
1 3/8 oz	SR 4756	Win. 209	Rem. RP12	—	33.0 gr / 11,200 PSI	—	
1 3/8 oz	SR 4756	Win. 209	WAA12R	—	34.0 gr / 11,000 PSI	—	
				1225 fps	1275 fps		
1 3/8 oz	800-X	Fed. 209A	Fed. 12S4	25.0 gr/ 10,900 PSI	—		
1 3/8 oz	800-X	Fed. 209A	Rem. SP12	—	26.5 gr / 11,000 PSI		
1 3/8 oz	800-X	Fed. 209A	WAA12R	—	26.0 gr / 11,000 PSI		
1 3/8 oz	800-X	Rem. 209P	Fed. 12S4	—	27.0 gr / 9,700 PS		
				1275 fps	1325 fps	1375 fps	
1 3/8 oz	800-X	Rem. 209P	Rem. SP12	—	—	32.0 gr/ 11,000 PSI	
1 3/8 oz	800-X	Rem. 209P	WAA12R	—	—	30.5 gr/ 11,000 PSI	
1 3/8 oz	800-X	Win. 209	Fed. 12S4	26.0 gr/ 11,000 PSI	—	—	
1 3/8 oz	800-X	Win. 209	Rem. SP12	—	29.0 gr / 10,900 PSI	—	
1 3/8 oz	800-X	Win. 209	WAA12R	—	27.5 gr / 11,000 PSI	—	
				1205 fps	1260 fps	1315 fps	
1 1/2 oz	Longshot	Fed. 209A	Fed. 12S4	25.5 gr/ 11,400 PSI	—	—	
1 1/2 oz	Longshot	Fed. 209A	WAA12R	25.6 gr/ 10,200 PSI	27.2 gr / 11,500 PSI	—	
1 1/2 oz	Longshot	Win. 209	Fed. 12S4	26.8 gr/ 10,200 PSI	28.0 gr / 11,400 PSI	—	
1 1/2 oz	Longshot	Win. 209	WAA12R	27.2 gr/ 9,000 PSI	29.1 gr / 10,200 PSI	31.0 gr/ 11,500 PSI	
				1150 fps	1175 fps	1200 fps	1225 fps
1 1/2 oz	SR 7625	Fed. 209A	Rem. RP12	25.0 gr/ 11,400 PSI	—	—	—
1 1/2 oz	SR 7625	Fed. 209A	WAA12R	25.5 gr/ 11,200 PSI	—	—	—
1 1/2 oz	SR 7625	Rem. 209P	Rem. RP12	—	27.5 gr / 11,100 PSI	—	—
1 1/2 oz	SR 7625	Rem. 209P	WAA12R	—	28.0 gr / 11,000 PSI	—	—
1 1/2 oz	SR 7625	Win. 209	Rem. RP12	25.5 gr/ 11,000 PSI	—	—	—
1 1/2 oz	SR 7625	Win. 209	WAA12R	26.5 gr/ 11,000 PSI	—	—	—
1 1/2 oz	SR 4756	Fed. 209A	Rem. RP12	—	27.5 gr / 11,000 PSI	—	—
1 1/2 oz	SR 4756	Fed. 209A	WAA12R	—	28.0 gr / 11,100 PSI	—	—

12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1150 fps	1175 fps	1200 fps	1225 fps
1 1/2 oz	SR 4756	Rem. 209P	Rem. RP12	—	—	—	30.5 gr/11,100 PSI
1 1/2 oz	SR 4756	Win. 209	Rem. RP12	—	28.5 gr / 11,000 PSI	—	—
1 1/2 oz	SR 4756	Win. 209	WAA12R	—	—	30.0 gr/ 10,800 PSI	—
1 1/2 oz	800-X	Fed. 209A	Fed. 12S4	—	—	24.5 gr/ 11,200 PSI	—
1 1/2 oz	800-X	Fed. 209A	Rem. SP12	—	—	—	26.5 gr/11,000 PSI
1 1/2 oz	800-X	Fed. 209A	WAA12R	—	—	—	26.0 gr/11,200 PSI
1 1/2 oz	800-X	Rem. 209P	Fed. 12S4	—	—	26.0 gr/ 10,400 PSI	—
				1175 fps	1225 fps	1250 fps	
1 1/2 oz	800-X	Rem. 209P	Rem. RP12	—	—	28.5 gr/ 11,000 PSI	
1 1/2 oz	800-X	Win. 209	Fed. 12S4	25.0 gr/ 11,000 PSI	—	—	
1 1/2 oz	800-X	Win. 209	Rem. SP12	—	27.0 gr / 11,100 PSI	—	
1 1/2 oz	800-X	Win. 209	WAA12R	—	—	27.0 gr/ 11,000 PSI	

12 GA., 2 3/4", FEDERAL PAPER SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps	1325 fps	1400 fps	1475 fps
7/8 oz	Titewad	Fed. 209A	WAA12SL	19.1 gr/ 6,900 PSI	20.9 gr/ 8,100 PSI	22.7 gr/ 9,400 PSI	24.6 gr/10,600 PSI
7/8 oz	Titewad	Rem. 209P	G/BP SF12	18.4 gr/ 8,000 PSI	20.0 gr/ 9,400 PSI	21.5 gr/ 11,100 PSI	—
7/8 oz	Titewad	Win. 209	WAA12SL	—	21.0 gr/ 7,600 PSI	22.9 gr/ 8,900 PSI	24.8 gr/10,200 PSI
7/8 oz	Clays	Fed. 209A	WAA12SL	18.4 gr/ 7,200 PSI	20.2 gr/ 8,800 PSI	21.9 gr/ 10,300 PSI	—
				1250 fps	1325 fps	1400 fps	1475 fps
7/8 oz	Clays	Rem. 209P	Rem. Fig. 8	—	20.9 gr/ 8,100 PSI	22.5 gr/ 9,300 PSI	—
7/8 oz	Clays	Win. 209	WAA12	—	21.2 gr/ 7,600 PSI	22.6 gr/ 9,300 PSI	24.0 gr/11,100 PSI
7/8 oz	Internat'l	CCI 209M	Fed. 12S3	—	22.4 gr/ 8,000 PSI	24.0 gr/ 9,300 PSI	25.7 gr/10,600 PSI
7/8 oz	Internat'l	Fed. 209A	Fed. 12S3	—	22.0 gr/ 8,100 PSI	23.5 gr/ 9,500 PSI	25.0 gr/11,300 PSI
7/8 oz	Internat'l	Win. 209	WAA12	—	23.1 gr/ 7,400 PSI	24.6 gr/ 8,100 PSI	—
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Titewad	Fed. 209A	Fed. 12S3	18.1 gr/ 7,500 PSI	19.5 gr/ 8,400 PSI	20.6 gr/ 9,700 PSI	22.0 gr/11,100 PSI
1 oz	Titewad	Rem. 209P	Rem. Fig. 8	17.9 gr/ 7,000 PSI	19.2 gr/ 8,000 PSI	20.5 gr/ 9,000 PSI	21.9 gr/10,300 PSI
1 oz	Titewad	Win. 209	WAA12	17.4 gr/ 7,200 PSI	18.7 gr/ 8,900 PSI	20.0 gr/ 9,800 PSI	21.3 gr/10,900 PSI
1 oz	Clays	Fed. 209A	Fed.12S0	18.0 gr/ 7,100 PSI	19.5 gr/ 8,700 PSI	21.0 gr/ 10,900 PSI	—
1 oz	Clays	Rem. 209P	Rem. TGT 12	18.5 gr/ 6,000 PSI	20.0 gr/ 6,400 PSI	22.0 gr/ 7,700 PSI	—
1 oz	Clays	Win. 209	Windjammer	18.0 gr/ 5,800 PSI	19.5 gr/ 7,300 PSI	20.5 gr/ 8,800 PSI	—
1 oz	Clays	Win. 209	WAA12SL	17.5 gr/ 6,400 PSI	19.0 gr/ 8,300 PSI	21.0 gr/ 10,800 PSI	—
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Internat'l	CCI 209M	Fed. 12C1	—	21.6 gr/ 7,200 PSI	22.8 gr/ 8,500 PSI	24.0 gr/ 9,700 PSI
1 oz	Internat'l	Fed. 209A	Fed. 12C1	—	20.7 gr/ 8,100 PSI	22.0 gr/ 9,400 PSI	23.2 gr/10,600 PSI
1 oz	Internat'l	Rem. 209P	Fed. 12C1	—	—	23.2 gr/ 7,900 PSI	24.2 gr/ 9,300 PSI
1 oz	Internat'l	Win. 209	Fed. 12C1	—	—	23.2 gr/ 7,700 PSI	24.4 gr/ 9,100 PSI
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	Fed. 12S3	15.9 gr/ 8,300 PSI	17.2 gr/ 9,700 PSI	18.6 gr/ 11,300 PSI	—
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	16.2 gr/ 8,300 PSI	17.5 gr/ 9,600 PSI	18.8 gr/ 10,800 PSI	—
1 1/8 oz	Titewad	Ched. 209	Windjammer	15.9 gr/ 8,000 PSI	17.4 gr/ 9,400 PSI	18.9 gr/ 10,800 PSI	—
1 1/8 oz	Titewad	CCI 209M	Fed. 12C1	16.3 gr/ 8,600 PSI	17.5 gr/ 9,800 PSI	18.6 gr/ 10,900 PSI	—
1 1/8 oz	Titewad	Fed. 209A	Fed. 12C1	16.6 gr/ 7,700 PSI	17.9 gr/ 8,800 PSI	19.3 gr/ 10,100 PSI	—

12 GA., 2 3/4", FEDERAL PAPER SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Fed. 209A	Fed. 12S4	16.2 gr/ 9,000 PSI	17.2 gr/ 9,600 PSI	18.4 gr/ 10,800 PSI	—
1 1/8 oz	Titewad	Fio. 616	Hor. Versalite	16.0 gr/ 8,000 PSI	17.0 gr/ 9,100 PSI	18.4 gr/ 10,500 PSI	—
1 1/8 oz	Titewad	Win. 209	WAA12	16.4 gr/ 7,500 PSI	17.4 gr/ 8,400 PSI	18.8 gr/ 10,000 PSI	—
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.8 gr/ 5,800 PSI	18.4 gr/ 8,100 PSI	19.8 gr/ 10,300 PSI	—
1 1/8 oz	Clays	Ched. 209	Windjammer	17.5 gr/ 6,000 PSI	18.7 gr/ 7,800 PSI	20.0 gr/ 9,800 PSI	—
1 1/8 oz	Clays	Fed. 209A	Fed. 12C1	17.3 gr/ 7,500 PSI	18.3 gr/ 8,600 PSI	19.3 gr/ 9,700 PSI	—
1 1/8 oz	Clays	Fed. 209A	Fed. 12S3	17.0 gr/ 7,400 PSI	18.0 gr/ 8,700 PSI	19.5 gr/ 10,500 PSI	—
1 1/8 oz	Clays	Fio. 616	Hor. Versalite	16.8 gr/ 7,500 PSI	17.5 gr/ 8,600 PSI	19.0 gr/ 10,300 PSI	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig. 8	18.0 gr/ 5,900 PSI	18.5 gr/ 7,000 PSI	19.5 gr/ 9,200 PSI	—
1 1/8 oz	Clays	Win. 209	Fed. 12C1	—	19.3 gr/ 7,600 PSI	20.0 gr/ 8,300 PSI	—
1 1/8 oz	Clays	Win. 209	WAA12	17.0 gr/ 7,600 PSI	18.0 gr/ 8,800 PSI	19.0 gr/ 10,900 PSI	—
1 1/8 oz	Internat'l	Ched. 209	Fed. 12C1	18.1 gr/ 6,900 PSI	19.3 gr/ 8,200 PSI	20.5 gr/ 9,500 PSI	21.6 gr/10,700 PSI
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	17.9 gr/ 6,900 PSI	19.1 gr/ 8,000 PSI	20.4 gr/ 9,200 PSI	21.7 gr/10,400 PSI
1 1/8 oz	Internat'l	Ched. 209	Windjammer	18.5 gr/ 6,700 PSI	19.7 gr/ 7,800 PSI	20.9 gr/ 8,800 PSI	22.1 gr/ 9,900 PSI
1 1/8 oz	Internat'l	Fed. 209A	Fed. 12C1	19.6 gr/ 7,800 PSI	20.9 gr/ 9,000 PSI	22.1 gr/ 10,200 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	Fed. 12S4	18.8 gr/ 7,000 PSI	19.5 gr/ 7,500 PSI	21.0 gr/ 10,000 PSI	22.0 gr/11,200 PSI
1 1/8 oz	Internat'l	Win. 209	WAA12	20.0 gr/ 6,400 LUP	20.6 gr/ 7,000 LUP	21.6 gr/ 7,500 LUP	23.2 gr/ 8,600 LUP
1 1/8 oz	Internat'l	Rem. 209P	Fed. 12C1	—	21.8 gr/ 7,800 PSI	22.9 gr/ 9,000 PSI	—
				1365 fps	1420 fps	1475 fps	1530 fps
1 1/8 oz	Longshot	Fed. 209A	Fed. 12C1	—	33.1 gr/ 8,500 PSI	34.0 gr/ 9,800 PSI	34.9 gr/11,200 PSI
1 1/8 oz	Longshot	Fed. 209A	G/BP Z21	30.6 gr/ 8,100 PSI	31.4 gr/ 9,400 PSI	32.2 gr/ 10,600 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Fed. 12C1	—	33.6 gr/ 8,500 PSI	34.6 gr/ 9,500 PSI	35.5 gr/10,300 PSI
1 1/8 oz	Longshot	Win. 209	WAA12 F114	—	—	35.7 gr/ 8,700 PSI	36.5 gr/10,100 PSI

12 GA., 2 3/4", FIOCCHI, VICTORY,PMC AND NOBEL SPORT PLASTIC SHELLS (LOW BASEWAD)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Titewad	Fed. 209A	Fed. 12S0	18.7 gr/ 7,400 PSI	19.7 gr/ 8,600 PSI	20.7 gr/ 9,700 PSI	22.0 gr/10,500 PSI
7/8 oz	Titewad	Fio. 616	Fed. 12S0	18.2 gr/ 7,800 PSI	19.5 gr/ 8,900 PSI	20.5 gr/ 10,000 PSI	21.5 gr/11,200 PSI
7/8 oz	Titewad	Win. 209	WAA12SL	18.4 gr/ 7,500 PSI	19.5 gr/ 8,400 PSI	20.6 gr/ 9,300 PSI	21.5 gr/10,000 PSI
				1200 fps	1250 fps	1300 fps	1350 fps
7/8 oz	Clays	Fed. 209A	Rem. TGT 12	16.5 gr/ 6,400 PSI	17.7 gr/ 7,300 PSI	18.7 gr/ 7,400 PSI	—
7/8 oz	Clays	Fio. 616	Fed. 12S0	16.6 gr/ 6,800 PSI	17.8 gr/ 7,500 PSI	19.2 gr/ 8,500 PSI	—
7/8 oz	Clays	Win. 209	WAA12SL	16.8 gr/ 6,200 PSI	18.0 gr/ 7,200 PSI	19.0 gr/ 8,000 PSI	—
7/8 oz	Internat'l	CCI 209SC	WAA12SL	—	21.0 gr/ 7,300 PSI	22.0 gr/ 8,100 PSI	22.5 gr/ 8,500 PSI
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Titewad	Fed. 209A	Fed. 12S0	17.0 gr/ 8,400 PSI	19.0 gr/ 10,200 PSI	20.0 gr/ 11,100 PSI	—
1 oz	Titewad	Fio. 616	Rem. Fig. 8	17.0 gr/ 8,200 PSI	18.0 gr/ 9,200 PSI	19.5 gr/ 10,300 PSI	—
1 oz	Titewad	Win. 209	WAA12SL	17.2 gr/ 7,400 PSI	18.5 gr/ 8,900 PSI	19.8 gr/ 9,800 PSI	—
1 oz	Clays	Win. 209	WAA12SL	17.1 gr/ 7,800 PSI	18.5 gr/ 9,200 PSI	19.3 gr/ 10,600 PSI	—
1 oz	Internat'l	Win. 209	WAA12SL	19.0 gr/ 7,100 PSI	20.0 gr/ 8,600 PSI	21.1 gr/ 9,600 PSI	—
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	Fio. TL1	15.6 gr/ 8,800 PSI	17.0 gr/ 10,400 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	15.5 gr/ 8,500 PSI	17.0 gr/ 9,600 PSI	18.5 gr/ 10,800 PSI	—

12 GA., 2 3/4", FIOCCHI, VICTORY,PMC AND NOBEL SPORT PLASTIC SHELLS (LOW BASEWAD) (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	WAA12	15.5 gr/ 8,600 PSI	16.8 gr/ 9,800 PSI	18.1 gr/ 11,000 PSI	—
1 1/8 oz	Titewad	Fio. 616	Fio. TL1	15.3 gr/ 9,300 PSI	16.4 gr/ 10,500 PSI	17.7 gr/ 11,400 PSI	—
1 1/8 oz	Titewad	Win. 209	WAA12	16.2 gr/ 7,900 PSI	16.9 gr/ 8,500 PSI	18.5 gr/ 10,000 PSI	—
1 1/8 oz	Clays	Ched. 209	Fio. TL1	16.8 gr/ 8,300 PSI	18.1 gr/ 9,500 PSI	19.5 gr/ 10,800 PSI	—
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.9 gr/ 7,100 PSI	18.3 gr/ 8,700 PSI	19.7 gr/ 10,300 PSI	—
1 1/8 oz	Clays	Ched. 209	WAA12	16.7 gr/ 7,700 PSI	17.9 gr/ 9,100 PSI	19.2 gr/ 10,500 PSI	—
1 1/8 oz	Clays	CCI 209	Hor. Versalite	17.9 gr/ 6,300 LUP	18.9 gr/ 7,000 LUP	20.0 gr/ 7,700 LUP	—
1 1/8 oz	Clays	Fed. 209A	Fed. 12S3	16.5 gr/ 9,100 PSI	17.0 gr/ 10,000 PSI	—	—
1 1/8 oz	Clays	Fio. 616	Fio. TL1	16.5 gr/ 7,000 LUP	17.9 gr/ 8,000 LUP	19.4 gr/ 9,100 LUP	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig. 8	17.6 gr/ 6,200 LUP	18.8 gr/ 6,800 LUP	19.9 gr/ 7,500 LUP	—
1 1/8 oz	Clays	Win. 209	WAA12	16.3 gr/ 6,800 LUP	17.6 gr/ 8,000 LUP	18.9 gr/ 9,200 LUP	—
1 1/8 oz	Internat'l	Ched. 209	Fio. TL1	17.9 gr/ 7,000 PSI	19.3 gr/ 8,200 PSI	20.7 gr/ 9,400 PSI	22.0 gr/10,400 PSI
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	18.2 gr/ 6,600 PSI	19.5 gr/ 7,700 PSI	20.8 gr/ 8,700 PSI	22.1 gr/ 9,700 PSI
1 1/8 oz	Internat'l	Ched. 209	WAA12	17.9 gr/ 7,000 PSI	19.1 gr/ 7,900 PSI	20.1 gr/ 8,700 PSI	21.7 gr/10,000 PSI
1 1/8 oz	Internat'l	Fed. 209A	Fio. TL1	18.0 gr/ 7,800 PSI	18.5 gr/ 8,300 PSI	20.0 gr/ 10,400 PSI	—
1 1/8 oz	Internat'l	Fio. 616	Fio. TL1	19.3 gr/ 7,400 LUP	20.3 gr/ 7,700 LUP	21.0 gr/ 8,300 LUP	22.6 gr/ 9,900 LUP
1 1/8 oz	Internat'l	Win. 209	WAA12	19.2 gr/ 7,000 LUP	19.7 gr/ 7,400 LUP	21.0 gr/ 8,500 LUP	22.0 gr/ 9,800 LUP
				1200 fps	1255 fps	1310 fps	
1 1/8 oz	Universal	Fio. 616	Fio. TL1	23.4 gr/ 8,600 PSI	25.0 gr/ 9,800 PSI	26.5 gr/ 10,600 PSI	
1 1/8 oz	Universal	Win. 209	WAA12	23.3 gr/ 9,100 PSI	24.0 gr/ 9,600 PSI	25.0 gr/ 10,800 PSI	
				1420 fps	1475 fps	1530 fps	1585 fps
1 1/8 oz	Longshot	Fio. 616	Fed. 12S3	33.2 gr/ 8,000 PSI	34.7 gr/ 8,900 PSI	36.2 gr/ 9,800 PSI	37.8 gr/10,700 PSI
1 1/8 oz	Longshot	Fio. 616	Fio. TL1	33.4 gr/ 8,300 PSI	34.8 gr/ 9,300 PSI	36.2 gr/ 10,300 PSI	37.6 gr/11,200 PSI
1 1/8 oz	Longshot	Fio. 616	Rem. Fig. 8	33.4 gr/ 7,500 PSI	34.9 gr/ 8,500 PSI	36.4 gr/ 9,400 PSI	37.9 gr/10,300 PSI
1 1/8 oz	Longshot	Fio. 616	WAA12	32.7 gr/ 8,400 PSI	34.0 gr/ 9,300 PSI	35.3 gr/ 10,100 PSI	36.6 gr/11,000 PSI
1 1/8 oz	Longshot	Fio. 616	Windjammer	33.7 gr/ 7,600 PSI	35.3 gr/ 8,400 PSI	36.8 gr/ 9,200 PSI	38.3 gr/10,000 PSI
				1220 fps	1330 fps		
1 1/4 oz	Universal	Fio. 616	WAA12F114	24.0 gr/ 10,900 PSI	—		
1 1/4 oz	Universal	Win. 209	Rem. SP12	24.0 gr/ 10,900 PSI	—		
1 1/4 oz	HS-6	Win. 209	Rem. R12H	—	35.0 gr/ 9,200 LUP		
				1185 fps	1240 fps	1295 fps	1350 fps
1 3/8 oz	Longshot	Fio. 616	G/BP Sport	25.6 gr/ 8,000 PSI	27.3 gr/ 9,200 PSI	28.9 gr/ 10,400 PSI	30.8 gr/11,500 PSI
1 3/8 oz	Longshot	Fio. 616	Rem. SP12	—	27.4 gr/ 8,700 PSI	28.9 gr/ 9,700 PSI	30.5 gr/10,700 PSI
1 3/8 oz	Longshot	Win. 209	Fed. 12S4	26.0 gr/ 8,300 PSI	27.5 gr/ 9,300 PSI	29.0 gr/ 10,400 PSI	—

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Titewad	CCI 209	Rem. TGT 12	16.9 gr/ 9,400 PSI	17.8 gr/ 10,800 PSI	19.0 gr/ 11,400PSI	—
7/8 oz	Titewad	CCI 209	WAA12L	16.8 gr/ 10,100 PSI	18.0 gr/ 10,700 PSI	19.0 gr/ 11,500PSI	—
7/8 oz	Titewad	Fed. 209A	Rem. TGT 12	16.8 gr/ 9,100 PSI	18.0 gr/ 10,100 PSI	19.1 gr/ 11,000 PSI	20.2 gr/ 11,500 PSI
7/8 oz	Titewad	Fed. 209A	WAA12L	17.0 gr/ 9,600 PSI	18.0 gr/ 10,700 PSI	19.0 gr/ 11,500 PSI	—
7/8 oz	Titewad	Rem. 209P	Rem. TGT 12	17.4 gr/ 8,200 PSI	18.7 gr/ 9,100 PSI	19.8 gr/ 9,500 PSI	21.0 gr/10,500 PSI
7/8 oz	Titewad	Rem. 209P	WAA12L	16.9 gr/ 8,200 PSI	18.4 gr/ 9,400 PSI	19.7 gr/ 10,100 PSI	20.9 gr/ 11,300 PSI
7/8 oz	Titewad	Win. 209	CB-4100-12	18.7 gr/ 7,000 PSI	19.8 gr/ 7,800 PSI	20.9 gr/ 8,500 PSI	22.1 gr/ 9,400 PSI

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Titewad	Win. 209	Rem. TGT 12	17.0 gr/ 8,500 PSI	18.0 gr/ 9,900 PSI	19.2 gr/ 10,900 PSI	—
7/8 oz	Titewad	Win. 209	WAA12L	17.3 gr/ 8,300 PSI	18.6 gr/ 9,200 PSI	19.8 gr/ 10,600 PSI	21.1 gr/11,300 PSI
				1200 fps	1250 fps	1300 fps	1350 fps
7/8 oz	Clays	CCI 209	Rem. TGT 12	16.1 gr/ 7,900 PSI	17.3 gr/ 9,400 PSI	18.3 gr/ 10,100 PSI	19.6 gr/ 11,200 PSI
7/8 oz	Clays	CCI 209	WAA12L	16.3 gr/ 8,800 PSI	17.3 gr/ 9,900 PSI	18.7 gr/ 11,200 PSI	—
7/8 oz	Clays	Fed. 209A	Fed. 12SO	16.3 gr/ 8,900 PSI	17.3 gr/ 9,600 PSI	18.5 gr/ 11,500 PSI	—
7/8 oz	Clays	Fed. 209A	Rem. TGT 12	16.1 gr/ 8,700 PSI	17.3 gr/ 9,800 PSI	18.3 gr/ 11,100 PSI	—
7/8 oz	Clays	Fed. 209A	WAA12L	16.0 gr/ 8,100 PSI	17.0 gr/ 10,200 PSI	18.2 gr/ 10,800 PSI	—
7/8 oz	Clays	Rem. 209P	CB-4100-12	16.9 gr/ 5,800 PSI	18.2 gr/ 6,700 PSI	19.6 gr/ 7,600 PSI	20.9 gr/ 8,400 PSI
7/8 oz	Clays	Rem. 209P	Rem. TGT 12	16.4 gr/ 6,300 PSI	17.5 gr/ 7,100 PSI	18.9 gr/ 7,400 PSI	—
7/8 oz	Clays	Rem. 209P	Fed. 12SO	16.0 gr/ 7,500 PSI	17.2 gr/ 8,200 PSI	18.8 gr/ 9,100 PSI	—
7/8 oz	Clays	Rem. 209P	WAA12SL	—	18.0 gr/ 8,400 PSI	19.5 gr/ 10,200 PSI	—
7/8 oz	Clays	Rem. 209P	WAA12L	16.8 gr/ 6,700 PSI	18.0 gr/ 7,300 PSI	19.3 gr/ 9,000 PSI	20.3 gr/ 9,700 PSI
7/8 oz	Clays	Win. 209	CB-4100-12	18.8 gr/ 5,200 PSI	19.8 gr/ 6,100 PSI	20.8 gr/ 7,000 PSI	21.8 gr/ 7,900 PSI
				1200 fps	1250 fps	1300 fps	1350 fps
7/8 oz	Clays	Win. 209	Rem. TGT 12	16.8 gr/ 7,500 PSI	18.0 gr/ 8,400 PSI	19.0 gr/ 9,100 PSI	20.0 gr/ 10,100 PSI
7/8 oz	Clays	Win. 209	WAA12SL	15.9 gr/ 7,100 PSI	17.1 gr/ 8,900 PSI	18.2 gr/ 10,000 PSI	—
7/8 oz	Clays	Win. 209	WAA12L	17.1 gr/ 8,100 PSI	18.0 gr/ 8,900 PSI	19.3 gr/ 10,100 PSI	20.1 gr/ 11,400 PSI
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Internat'l	CCI 209	Rem. TGT 12	19.8 gr/ 6,900 PSI	20.8 gr/ 7,800 PSI	21.9 gr/ 8,700 PSI	22.9 gr/ 9,600 PSI
7/8 oz	Internat'l	CCI 209	WAA12L	20.0 gr/ 7,100 PSI	20.9 gr/ 7,900 PSI	21.9 gr/ 8,700 PSI	22.8 gr/ 9,500 PSI
7/8 oz	Internat'l	Fed. 209A	Fed. 12SO	19.3 gr/ 7,700 PSI	20.4 gr/ 8,700 PSI	21.4 gr/ 9,600 PSI	22.5 gr/ 10,600 PSI
7/8 oz	Internat'l	Fed. 209A	Rem. TGT 12	19.1 gr/ 7,300 PSI	20.2 gr/ 8,200 PSI	21.3 gr/ 9,000 PSI	22.4 gr/ 9,900 PSI
7/8 oz	Internat'l	Fed. 209A	WAA12L	19.4 gr/ 7,200 PSI	20.4 gr/ 8,000 PSI	21.5 gr/ 9,000 PSI	22.6 gr/ 10,000 PSI
7/8 oz	Internat'l	Rem. 209P	Rem. TGT 12	20.0 gr/ 6,600 PSI	21.0 gr/ 7,500 PSI	21.9 gr/ 8,300 PSI	22.9 gr/ 9,200 PSI
7/8 oz	Internat'l	Rem. 209P	WAA12L	20.5 gr/ 6,900 PSI	21.3 gr/ 7,600 PSI	22.2 gr/ 8,400 PSI	23.1 gr/ 9,300 PSI
7/8 oz	Internat'l	Win. 209	Fed. 12SO	20.2 gr/ 6,900 PSI	21.2 gr/ 7,800 PSI	22.2 gr/ 8,700 PSI	23.2 gr/ 9,500 PSI
7/8 oz	Internat'l	Win. 209	Rem. TGT 12	20.2 gr/ 6,500 PSI	21.3 gr/ 7,300 PSI	22.3 gr/ 8,100 PSI	23.4 gr/ 8,900 PSI
7/8 oz	Internat'l	Win. 209	WAA12L	20.7 gr/ 6,500 PSI	21.5 gr/ 7,400 PSI	22.3 gr/ 8,200 PSI	23.1 gr/ 9,100 PSI
				1150 fps	1200 fps	1250 fps	1325 fps
24 gm	700-X	Fed. 209A	Fed. 12SO	15.0 gr/ 6,600 PSI	16.0 gr/ 7,400 PSI	17.0 gr/ 8,100 PSI	18.5 gr/ 9,200 PSI
24 gm	700-X	Fed. 209A	Rem. TGT12	15.0 gr/ 6,500 PSI	16.0 gr/ 7,400 PSI	17.0 gr/ 8,300 PSI	18.5 gr/ 9,600 PSI
24 gm	700-X	Fed. 209A	WAA12SL	14.5 gr/ 6,500 PSI	15.5 gr/ 7,300 PSI	16.5 gr/ 8,200 PSI	18.5 gr/10,000 PSI
24 gm	700-X	Rem. 209P	Fed. 12SO	15.0 gr/ 6,100 PSI	16.0 gr/ 7,200 PSI	17.0 gr/ 8,200 PSI	18.5 gr/ 9,800 PSI
24 gm	700-X	Rem. 209P	Rem. TGT12	15.0 gr/ 5,800 PSI	16.0 gr/ 6,600 PSI	17.0 gr/ 7,300 PSI	19.0 gr/ 8,700 PSI
24 gm	700-X	Rem. 209P	WAA12SL	15.0 gr/ 6,400 PSI	16.0 gr/ 7,200 PSI	17.0 gr/ 7,900 PSI	18.5 gr/ 8,900 PSI
24 gm	700-X	Win. 209	Fed. 12SO	15.0 gr/ 6,300 PSI	16.0 gr/ 7,200 PSI	17.0 gr/ 8,100 PSI	18.5 gr/ 9,400 PSI
24 gm	700-X	Win. 209	Rem. TGT12	15.0 gr/ 6,300 PSI	16.0 gr/ 7,200 PSI	17.0 gr/ 8,000 PSI	18.5 gr/ 9,200 PSI
24 gm	700-X	Win. 209	WAA12SL	15.0 gr/ 6,700 PSI	16.0 gr/ 7,600 PSI	17.0 gr/ 8,400 PSI	18.5 gr/ 9,700 PSI
24 gm	PB	Fed. 209A	Fed. 12SO	18.0 gr/ 6,300 PSI	19.0 gr/ 6,900 PSI	20.5 gr/ 7,800 PSI	22.0 gr/ 8,700 PSI
24 gm	PB	Fed. 209A	Rem. TGT12	18.0 gr/ 5,500 PSI	19.5 gr/ 6,300 PSI	20.5 gr/ 6,700 PSI	22.5 gr/ 7,800 PSI
24 gm	PB	Fed. 209A	WAA12SL	17.5 gr/ 6,400 PSI	18.5 gr/ 7,100 PSI	20.0 gr/ 8,100 PSI	21.5 gr/ 9,000 PSI

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1150 fps	1200 fps	1250 fps	1325 fps
24 gm	PB	Rem. 209P	Fed. 12SO	19.0 gr/ 5,300 PSI	20.5 gr/ 6,300 PSI	21.5 gr/ 6,800 PSI	23.5 gr/ 7,700 PSI
24 gm	PB	Rem. 209P	Rem. TGT12	19.5 gr/ 4,800 PSI	20.5 gr/ 5,200 PSI	22.0 gr/ 6,000 PSI	23.5 gr/ 6,900 PSI
24 gm	PB	Rem. 209P	WAA12SL	18.5 gr/ 5,400 PSI	19.5 gr/ 6,200 PSI	21.0 gr/ 7,300 PSI	22.5 gr/ 8,000 PSI
24 gm	PB	Win. 209	Fed. 12SO	19.0 gr/ 5,400 PSI	20.5 gr/ 6,300 PSI	21.5 gr/ 6,800 PSI	23.5 gr/ 7,700 PSI
24 gm	PB	Win. 209	Rem. TGT12	19.0 gr/ 5,200 PSI	20.0 gr/ 5,700 PSI	21.0 gr/ 6,200 PSI	23.0 gr/ 7,300 PSI
24 gm	PB	Win. 209	WAA12SL	18.0 gr/ 5,600 PSI	19.5 gr/ 6,400 PSI	20.5 gr/ 7,000 PSI	22.5 gr/ 8,100 PSI
24 gm	SR 7625	Fed. 209A	Fed. 12SO	21.5 gr/ 5,300 PSI	22.5 gr/ 5,700 PSI	24.0 gr/ 6,500 PSI	25.0 gr/ 7,300 PSI
24 gm	SR 7625	Fed. 209A	Rem. FIG. 8	22.0 gr/ 4,700 PSI	23.0 gr/ 5,200 PSI	24.5 gr/ 6,000 PSI	26.0 gr/ 6,800 PSI
24 gm	SR 7625	Fed. 209A	WAA12SL	20.5 gr/ 5,700 PSI	21.5 gr/ 6,200 PSI	23.0 gr/ 6,800 PSI	25.0 gr/ 7,500 PSI
24 gm	SR 7625	Rem. 209P	Fed. 12SO	21.5 gr/ 4,600 PSI	23.0 gr/ 5,300 PSI	24.0 gr/ 5,800 PSI	26.0 gr/ 6,900 PSI
24 gm	SR 7625	Rem. 209P	Rem. FIG. 8	22.0 gr/ 4,200 PSI	23.5 gr/ 4,900 PSI	24.5 gr/ 5,300 PSI	26.5 gr/ 6,200 PSI
24 gm	SR 7625	Rem. 209P	WAA12SL	21.5 gr/ 4,800 PSI	23.0 gr/ 5,300 PSI	24.5 gr/ 5,800 PSI	26.0 gr/ 6,800 PSI
24 gm	SR 7625	Win. 209	Fed. 12SO	22.5 gr/ 4,800 PSI	23.5 gr/ 5,300 PSI	24.5 gr/ 6,000 PSI	26.0 gr/ 6,900 PSI
24 gm	SR 7625	Win. 209	Rem. FIG. 8	22.5 gr/ 4,600 PSI	23.5 gr/ 5,100 PSI	24.5 gr/ 5,600 PSI	26.5 gr/ 6,500 PSI
24 gm	SR 7625	Win. 209	WAA12SL	21.0 gr/ 5,300 PSI	22.0 gr/ 5,900 PSI	23.0 gr/ 6,400 PSI	24.5 gr/ 7,300 PSI
				1050 fps	1100 fps	1150 fps	
7/8 oz	WAALite	Ched. 209	Fed. 12SO	12.8 gr/ 6,000 PSI	13.4 gr/ 6,800 PSI	14.5 gr/ 8,200 PSI	
7/8 oz	WAALite	Ched. 209	WAA12SL	12.5 gr/ 6,300 PSI	13.3 gr/ 7,300 PSI	14.3 gr/ 8,500 PSI	
7/8 oz	WAALite	Fed. 209A	Fed. 12SO	12.9 gr/ 6,400 PSI	13.9 gr/ 7,400 PSI	14.8 gr/ 8,400 PSI	
7/8 oz	WAALite	Fed. 209A	WAA12SL	12.6 gr/ 6,400 PSI	13.3 gr/ 7,100 PSI	14.5 gr/ 8,300 PSI	
7/8 oz	WAALite	Rem. 209P	Fed. 12SO	12.9 gr/ 5,900 PSI	13.7 gr/ 7,200 PSI	14.8 gr/ 8,300 PSI	
7/8 oz	WAALite	Rem. 209P	WAA12SL	12.6 gr/ 5,800 PSI	13.3 gr/ 6,700 PSI	14.5 gr/ 8,100 PSI	
7/8 oz	WAALite	Win. 209	Fed. 12SO	13.4 gr/ 6,000 PSI	14.1 gr/ 6,800 PSI	14.9 gr/ 7,700 PSI	
7/8 oz	WAALite	Win. 209	WAA12SL	12.9 gr/ 5,400 PSI	13.8 gr/ 6,800 PSI	14.8 gr/ 8,200 PSI	
				1325 fps	1400 fps		
7/8 oz	WST	CCI 209	WAA12L	21.5 gr/ 8,100 PSI	23.0 gr/ 9,000 PSI		
7/8 oz	WST	Fed. 209A	WAA12L	21.0 gr/ 8,300 PSI	23.0 gr/ 9,700 PSI		
7/8 oz	WST	Win. 209	WAA12L	21.0 gr/ 8,200 PSI	23.0 gr/ 10,300 PSI		
				1125 fps	1180 fps	1235 fps	1290 fps
1 oz	Titewad	CCI 209	Rem. TGT 12	15.2 gr/ 8,200 PSI	16.4 gr/ 9,100 PSI	17.7 gr/ 10,500 PSI	19.0 gr/ 11,400 PSI
1 oz	Titewad	CCI 209	WAA12L	15.8 gr/ 8,200 PSI	16.8 gr/ 9,000 PSI	17.8 gr/ 10,500 PSI	—
1 oz	Titewad	Fed. 209A	Rem. TGT 12	15.5 gr/ 7,500 PSI	16.5 gr/ 8,800 PSI	17.8 gr/ 10,000 PSI	—
1 oz	Titewad	Fed. 209A	WAA12SL	15.8 gr/ 8,000 PSI	17.0 gr/ 8,600 PSI	18.2 gr/ 10,100 PSI	19.4 gr/ 11,000 PSI
1 oz	Titewad	Fio. 616	Windjammer	—	—	18.0 gr/ 9,600 PSI	19.2 gr/10,800 PSI
1 oz	Titewad	Rem. 209P	WAA12SL	15.5 gr/ 7,900 PSI	16.7 gr/ 9,200 PSI	18.0 gr/ 10,000 PSI	19.0 gr/ 11,300 PSI
1 oz	Titewad	Rem. 209P	Rem. TGT 12	—	16.7 gr/ 7,800 PSI	18.2 gr/ 9,600 PSI	19.4 gr/11,300 PSI
1 oz	Titewad	Win. 209	Rem. TGT 12	15.3 gr/ 7,400 PSI	16.6 gr/ 8,600 PSI	17.9 gr/ 9,800 PSI	19.2 gr/ 11,000 PSI
1 oz	Titewad	Win. 209	WAA12SL	15.5 gr/ 7,900 PSI	16.5 gr/ 8,900 PSI	18.0 gr/ 11,000 PSI	—
1 oz	Clays	CCI 209	Rem. TGT 12	15.4 gr/ 8,700 PSI	16.6 gr/ 9,600 PSI	18.2 gr/ 11,400 PSI	—
1 oz	Clays	CCI 209	WAA12SL	15.1 gr/ 8,500 PSI	16.3 gr/ 10,100 PSI	17.5 gr/ 11,200 PSI	—
1 oz	Clays	Fed. 209A	WAA12SL	15.6 gr/ 9,200 PSI	16.5 gr/ 10,800 PSI	17.7 gr/ 11,300 PSI	—

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1125 fps	1180 fps	1235 fps	1290 fps
1 oz	Clays	Rem. 209P	Rem. TGT 12	16.8 gr/ 6,600 LUP	17.9 gr/ 7,400 LUP	18.9 gr/ 8,100 LUP	19.9 gr/ 8,800 LUP
1 oz	Clays	Rem. 209P	WAA12SL	16.4 gr/ 6,700 PSI	17.6 gr/ 8,100 PSI	18.7 gr/ 9,400 PSI	19.9 gr/ 10,900 PSI
1 oz	Clays	Win. 209	Rem. TGT 12	16.3 gr/ 6,500 PSI	17.6 gr/ 7,900 PSI	18.8 gr/ 9,200 PSI	20.1 gr/ 10,500 PSI
1 oz	Clays	Win. 209	WAA12SL	15.7 gr/ 7,100 LUP	17.0 gr/ 8,200 LUP	18.4 gr/ 9,500 LUP	19.8 gr/10,700 LUP
1 oz	Clays	Win. 209	Windjammer	17.3 gr/ 5,500 PSI	18.4 gr/ 7,100 PSI	19.5 gr/ 8,600 PSI	20.6 gr/ 10,200 PSI
				1180 fps	1235 fps	1290fps	1345 fps
1 oz	Internat'l	CCI 209	Rem. TGT 12	19.0 gr/ 6,800 PSI	20.0 gr/ 7,900 PSI	21.0 gr/ 9,000 PSI	22.0 gr/ 10,100 PSI
1 oz	Internat'l	CCI 209	WAA12SL	18.6 gr/ 7,400 PSI	19.8 gr/ 8,500 PSI	21.0 gr/ 9,500 PSI	22.3 gr/ 10,600 PSI
1 oz	Internat'l	Fed. 209A	Rem. TGT 12	18.2 gr/ 7,900 PSI	19.2 gr/ 9,000 PSI	20.2 gr/ 10,000 PSI	21.3 gr/ 11,100 PSI
1 oz	Internat'l	Fed. 209A	WAA12SL	17.8 gr/ 7,500 PSI	19.0 gr/ 8,800 PSI	20.3 gr/ 10,200 PSI	21.5 gr/ 11,500 PSI
1 oz	Internat'l	Rem. 209P	Rem. TGT 12	20.2 gr/ 6,800 LUP	20.9 gr/ 7,700 LUP	21.4 gr/ 8,900 LUP	—
1 oz	Internat'l	Rem. 209P	WAA12SL	19.0 gr/ 6,800 PSI	20.2 gr/ 8,100 PSI	21.3 gr/ 9,300 PSI	22.4 gr/ 10,500 PSI
1 oz	Internat'l	Win. 209	Rem. TGT 12	18.9 gr/ 7,100 PSI	20.2 gr/ 8,200 PSI	21.5 gr/ 9,300 PSI	22.8 gr/ 10,300 PSI
1 oz	Internat'l	Win. 209	WAA12SL	18.4 gr/ 7,100 LUP	20.1 gr/ 8,600 LUP	21.0 gr/ 10,000 LUP	
1 oz	Titegroup	Rem. 209P	Rem. TGT 12	16.1 gr/ 7,900 PSI	17.3 gr/ 8,900 PSI	18.6 gr/ 10,100 PSI	19.9 gr/ 11,200 PSI
1 oz	Titegroup	Rem. 209P	WAA12SL	16.4 gr/ 7,700 PSI	17.6 gr/ 9,100 PSI	18.8 gr/ 10,400 PSI	—
1 oz	Titegroup	Win. 209	Rem. TGT 12	16.0 gr/ 7,700 PSI	17.5 gr/ 8,900 PSI	18.9 gr/ 10,000 PSI	20.3 gr/ 11,000 PSI
1 oz	Titegroup	Win. 209	WAA12SL	16.3 gr/ 8,100 PSI	17.6 gr/ 9,100 PSI	18.9 gr/ 10,200 PSI	20.5 gr/ 11,300 PSI
				1100 fps	1150 fps	1200 fps	1250 fps
1 oz	700-X	Fed. 209A	Fed. 12S3	14.5 gr/ 8,000 PSI	15.5 gr/ 8,900 PSI	17.0 gr/ 10,300 PSI	18.0 gr/11,200 PSI
1 oz	700-X	Fed. 209A	Rem. TGT12	14.5 gr/ 7,200 PSI	15.5 gr/ 8,100 PSI	16.5 gr/ 9,100 PSI	17.5 gr/10,000 PSI
1 oz	700-X	Fed. 209A	WAA12SL	14.5 gr/ 7,700 PSI	15.5 gr/ 8,600 PSI	16.5 gr/ 9,500 PSI	18.0 gr/10,800 PSI
1 oz	700-X	Rem. 209P	Fed. 12S3	14.5 gr/ 7,400 PSI	15.5 gr/ 8,300 PSI	17.0 gr/ 9,700 PSI	18.0 gr/10,600 PSI
1 oz	700-X	Rem. 209P	Rem. TGT12	14.5 gr/ 6,600 PSI	15.5 gr/ 7,500 PSI	16.5 gr/ 8,400 PSI	18.0 gr/ 9,500 PSI
1 oz	700-X	Rem. 209P	WAA12SL	14.5 gr/ 7,300 PSI	15.5 gr/ 8,100 PSI	16.5 gr/ 9,000 PSI	18.0 gr/10,500 PSI
1 oz	700-X	Win. 209	Fed. 12S3	14.5 gr/ 7,800 PSI	15.5 gr/ 8,700 PSI	17.0 gr/ 10,100 PSI	18.0 gr/11,100 PSI
1 oz	700-X	Win. 209	Rem. TGT12	15.0 gr/ 7,300 PSI	15.5 gr/ 7,700 PSI	16.5 gr/ 8,700 PSI	18.0 gr/ 9,800 PSI
1 oz	700-X	Win. 209	WAA12SL	15.0 gr/ 7,400 PSI	16.0 gr/ 8,300 PSI	17.0 gr/ 9,300 PSI	18.0 gr/10,300 PSI
1 oz	PB	Fed. 209A	Fed. 12S3	18.0 gr/ 6,500 PSI	19.0 gr/ 7,200 PSI	20.5 gr/ 8,300 PSI	22.0 gr/ 9,300 PSI
1 oz	PB	Fed. 209A	Rem. TGT12	18.5 gr/ 6,200 PSI	19.5 gr/ 6,700 PSI	21.0 gr/ 7,400 PSI	22.5 gr/ 8,200 PSI
1 oz	PB	Fed. 209A	WAA12SL	18.0 gr/ 7,000 PSI	19.0 gr/ 7,500 PSI	20.5 gr/ 8,200 PSI	22.0 gr/ 8,900 PSI
1 oz	PB	Rem. 209P	Fed. 12S3	18.5 gr/ 6,100 PSI	20.0 gr/ 7,100 PSI	21.0 gr/ 7,800 PSI	22.5 gr/ 8,500 PSI
1 oz	PB	Rem. 209P	Rem. TGT12	19.0 gr/ 5,700 PSI	20.0 gr/ 6,300 PSI	21.5 gr/ 7,100 PSI	22.5 gr/ 7,600 PSI
1 oz	PB	Rem. 209P	WAA12SL	18.0 gr/ 6,500 PSI	19.5 gr/ 7,200 PSI	20.5 gr/ 7,700 PSI	22.5 gr/ 8,700 PSI
1 oz	PB	Win. 209	Fed. 12S3	19.0 gr/ 6,300 PSI	20.0 gr/ 7,000 PSI	21.0 gr/ 7,700 PSI	22.5 gr/ 8,700 PSI
1 oz	PB	Win. 209	Rem. TGT12	19.0 gr/ 5,700 PSI	20.0 gr/ 6,300 PSI	21.0 gr/ 6,800 PSI	22.5 gr/ 7,700 PSI
1 oz	PB	Win. 209	WAA12	18.5 gr/ 5,900 PSI	19.5 gr/ 6,500 PSI	21.0 gr/ 7,300 PSI	22.5 gr/ 8,100 PSI
1 oz	SR 7625	Fed. 209A	Fed. 12S3	20.0 gr/ 6,100 PSI	21.0 gr/ 6,700 PSI	22.5 gr/ 7,600 PSI	23.5 gr/ 8,300 PSI
1 oz	SR 7625	Fed. 209A	Rem. TGT12	20.5 gr/ 5,300 PSI	22.0 gr/ 6,300 PSI	23.0 gr/ 6,900 PSI	24.0 gr/ 7,400 PSI
1 oz	SR 7625	Fed. 209A	WAA12SL	19.0 gr/ 4,200 PSI	20.5 gr/ 5,700 PSI	22.0 gr/ 7,200 PSI	23.5 gr/ 8,500 PSI
1 oz	SR 7625	Rem. 209P	Fed. 12S3	20.0 gr/ 6,000 PSI	21.0 gr/ 6,300 PSI	22.5 gr/ 6,900 PSI	24.0 gr/ 7,800 PSI
1 oz	SR 7625	Rem. 209P	Rem. TGT12	21.5 gr/ 5,100 PSI	22.5 gr/ 5,700 PSI	23.5 gr/ 6,200 PSI	25.0 gr/ 7,000 PSI

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1100 fps	1150 fps	1200 fps	1250 fps
1 oz	SR 7625	Rem. 209P	WAA12SL	21.0 gr/ 5,800 PSI	22.0 gr/ 6,200 PSI	23.0 gr/ 6,800 PSI	24.5 gr/ 8,100 PSI
1 oz	SR 7625	Win. 209	Fed. 12S3	21.0 gr/ 5,300 PSI	22.0 gr/ 6,000 PSI	23.0 gr/ 6,800 PSI	24.0 gr/ 7,900 PSI
1 oz	SR 7625	Win. 209	Rem. TGT12	21.0 gr/ 5,300 PSI	22.0 gr/ 5,700 PSI	23.0 gr/ 6,300 PSI	24.5 gr/ 7,100 PSI
1 oz	SR 7625	Win. 209	WAA12SL	20.0 gr/ 5,700 PSI	21.5 gr/ 6,100 PSI	23.0 gr/ 6,700 PSI	24.0 gr/ 7,200 PSI
				970 fps	1025 fps	1070 fps	1125 fps
1 oz	WAALite	Ched. 209	J-XL-1	–	12.5 gr/ 7,500 PSI	13.3 gr/ 8,300 PSI	14.3 gr/ 9,400 PSI
1 oz	WAALite	Ched. 209	Rem. TGT12	12.0 gr/ 6,200 PSI	12.9 gr/ 7,100 PSI	13.8 gr/ 8,000 PSI	14.8 gr/ 9,000 PSI
1 oz	WAALite	Ched. 209	WAA12SL	11.9 gr/ 6,400 PSI	12.6 gr/ 7,300 PSI	13.4 gr/ 8,300 PSI	14.8 gr/10,000 PSI
1 oz	WAALite	Fed. 209A	J-XL-1	11.9 gr/ 6,200 PSI	13.0 gr/ 7,400 PSI	13.9 gr/ 8,300 PSI	14.9 gr/ 9,300 PSI
1 oz	WAALite	Fed. 209A	Rem. TGT12	12.0 gr/ 6,000 PSI	13.0 gr/ 7,100 PSI	13.8 gr/ 8,000 PSI	14.8 gr/ 9,100 PSI
1 oz	WAALite	Fed. 209A	WAA12SL	12.0 gr/ 6,300 PSI	13.0 gr/ 7,500 PSI	13.9 gr/ 8,700 PSI	14.9 gr/10,000 PSI
1 oz	WAALite	Rem. 209P	J-XL-1	12.3 gr/ 5,600 PSI	13.2 gr/ 6,900 PSI	13.9 gr/ 7,900 PSI	14.8 gr/ 9,200 PSI
1 oz	WAALite	Rem. 209P	Rem. TGT12	12.3 gr/ 5,800 PSI	13.2 gr/ 7,200 PSI	13.9 gr/ 8,200 PSI	14.8 gr/ 9,500 PSI
1 oz	WAALite	Rem. 209P	WAA12SL	12.0 gr/ 5,500 PSI	13.0 gr/ 6,900 PSI	13.8 gr/ 8,100 PSI	14.9 gr/ 9,600 PSI
1 oz	WAALite	Win. 209	J-XL-1	12.3 gr/ 5,600 PSI	13.2 gr/ 6,900 PSI	13.9 gr/ 7,900 PSI	14.7 gr/ 9,000 PSI
1 oz	WAALite	Win. 209	Rem. TGT12	12.4 gr/ 5,700 PSI	13.3 gr/ 6,700 PSI	14.0 gr/ 7,500 PSI	14.9 gr/ 8,500 PSI
1 oz	WAALite	Win. 209	WAA12SL	12.2 gr/ 5,600 PSI	13.2 gr/ 7,000 PSI	13.9 gr/ 7,900 PSI	14.9 gr/ 9,200 PSI
				1180 fps	1235 fps	1290 fps	
1 oz	WST	CCI 209	Fed. 12SO	18.5 gr/ 8,800 PSI	19.5 gr/ 9,500 PSI	20.5 gr/ 10,800 PSI	–
1 oz	WST	CCI 209	WAA12SL	19.0 gr/ 8,000 PSI	20.0 gr/ 8,900 PSI	20.5 gr/ 9,700 PSI	–
1 oz	WST	Win. 209	Fed. 12SO	19.0 gr/ 8,200 PSI	20.0 gr/ 8,900 PSI	21.0 gr/ 9,700 PSI	–
1 oz	WST	Win. 209	WAA12SL	–	19.5 gr/ 8,000 PSI	21.0 gr/ 10,000 PSI	–
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Super Hcp	Ched. 209	J-XL-1	18.1 gr/ 6,800 PSI	19.6 gr/ 8,100 PSI	21.0 gr/ 9,200 PSI	22.5 gr/10,400 PSI
1 oz	Super Hcp	Ched. 209	Rem. TGT12	18.5 gr/ 6,700 PSI	20.1 gr/ 7,800 PSI	21.8 gr/ 9,100 PSI	22.8 gr/ 9,900 PSI
1 oz	Super Hcp	Ched. 209	WAA12SL	18.6 gr/ 6,900 PSI	19.9 gr/ 8,000 PSI	21.2 gr/ 9,000 PSI	22.6 gr/10,100 PSI
1 oz	Super Hcp	Fed. 209A	J-XL-1	18.0 gr/ 7,300 PSI	19.3 gr/ 8,300 PSI	20.6 gr/ 9,400 PSI	22.0 gr/10,500 PSI
1 oz	Super Hcp	Fed. 209A	Rem. TGT12	18.1 gr/ 7,000 PSI	19.4 gr/ 8,100 PSI	20.8 gr/ 9,300 PSI	22.0 gr/10,400 PSI
1 oz	Super Hcp	Fed. 209A	WAA12SL	18.1 gr/ 7,200 PSI	19.3 gr/ 8,300 PSI	20.6 gr/ 9,400 PSI	21.9 gr/10,600 PSI
1 oz	Super Hcp	Rem. 209P	J-XL-1	18.4 gr/ 6,700 PSI	19.5 gr/ 7,600 PSI	20.8 gr/ 8,600 PSI	22.3 gr/ 9,900 PSI
1 oz	Super Hcp	Rem. 209P	Rem. TGT12	18.7 gr/ 6,500 PSI	19.9 gr/ 7,500 PSI	21.0 gr/ 8,400 PSI	22.6 gr/ 9,700 PSI
1 oz	Super Hcp	Rem. 209P	WAA12SL	18.7 gr/ 6,200 PSI	20.0 gr/ 7,400 PSI	21.2 gr/ 8,500 PSI	22.5 gr/ 9,700 PSI
1 oz	Super Hcp	Win. 209	J-XL-1	19.0 gr/ 6,200 PSI	20.3 gr/ 7,500 PSI	21.5 gr/ 8,700 PSI	22.8 gr/10,000 PSI
1 oz	Super Hcp	Win. 209	Rem. TGT12	20.0 gr/ 6,400 PSI	20.7 gr/ 7,300 PSI	21.7 gr/ 8,500 PSI	22.9 gr/ 9,900 PSI
1 oz	Super Hcp	Win. 209	WAA12SL	19.2 gr/ 6,100 PSI	20.5 gr/ 7,400 PSI	21.7 gr/ 8,600 PSI	23.0 gr/ 9,900 PSI
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	15.3 gr/ 10,400 PSI	16.2 gr/ 11,000 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	WAA12	15.0 gr/ 10,400 PSI	15.8 gr/ 11,400 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	Windjammer	15.5 gr/ 9,400 PSI	16.5 gr/ 10,500 PSI	—	—
1 1/8 oz	Titewad	CCI 209	Rem. Fig. 8	15.0 gr/ 10,600 PSI	15.8 gr/ 11,300 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Rem. Fig. 8	15.2 gr/ 9,600 PSI	16.3 gr/ 10,700 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	WAA12	15.2 gr/ 9,800 PSI	16.0 gr/ 10,500 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Windjammer	15.3 gr/ 9,000 PSI	16.3 gr/ 9,500 PSI	17.8 gr/ 11,100 PSI	—
1 1/8 oz	Titewad	Fio. 616	Rem. Fig. 8	15.0 gr/ 10,000 PSI	16.0 gr/ 11,000 PSI	—	—

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Fio. 616	WAA12	15.0 gr/ 9,400 PSI	16.0 gr / 10,600 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Rem. Fig 8	15.2 gr/ 9,100 PSI	16.5 gr / 10,100 PSI	17.9 gr/ 10,900 PSI	—
1 1/8 oz	Titewad	Rem. 209P	WAA12	15.1 gr/ 9,700 PSI	16.1 gr / 10,900 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Windjammer	15.3 gr/ 9,000 PSI	16.5 gr / 10,200 PSI	17.6 gr/ 11,400 PSI	—
1 1/8 oz	Titewad	Win. 209	Fed. 12S3	16.0 gr/ 9,600 PSI	17.0 gr / 10,900 PSI	—	—
1 1/8 oz	Titewad	Win. 209	Rem. Fig. 8	15.8 gr/ 9,200 PSI	16.8 gr / 10,400 PSI	17.8 gr/ 11,300 PSI	—
1 1/8 oz	Titewad	Win. 209	WAA12	15.4 gr/ 8,700 PSI	16.7 gr / 10,000 PSI	17.9 gr/ 11,400 PSI	—
1 1/8 oz	Titewad	Win. 209	Windjammer	16.1 gr/ 9,100 PSI	17.2 gr / 10,400 PSI	18.5 gr/ 11,500 PSI	—
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.0 gr/ 9,100 PSI	17.2 gr / 10,400 PSI	—	—
1 1/8 oz	Clays	Ched. 209	WAA12	15.5 gr/ 9,500 PSI	16.4 gr / 10,600 PSI	—	—
1 1/8 oz	Clays	Ched. 209	Windjammer	15.7 gr/ 8,100 PSI	17.0 gr / 9,500 PSI	18.3 gr/ 10,800 PSI	—
1 1/8 oz	Clays	CCI 209	Rem. Fig. 8	16.8 gr/ 7,400 PSI	18.0 gr / 9,300 PSI	19.3 gr/ 11,400 PSI	—
1 1/8 oz	Clays	CCI 209	WAA12	15.9 gr/ 8,500 PSI	17.2 gr / 10,300 PSI	18.2 gr/ 11,500 PSI	—
1 1/8 oz	Clays	CCI 209	Windjammer	16.6 gr/ 6,400 LUP	18.0 gr / 7,500 LUP	19.4 gr/ 8,600 LUP	—
1 1/8 oz	Clays	Fed. 209A	Rem. Fig. 8	15.8 gr/ 9,500 PSI	16.9 gr / 10,700 PSI	—	—
1 1/8 oz	Clays	Fed. 209A	WAA12	15.5 gr/ 9,900 PSI	16.6 gr / 11,200 PSI	—	—
1 1/8 oz	Clays	Fed. 209A	Windjammer	16.2 gr/ 8,500 PSI	17.3 gr / 10,000 PSI	18.4 gr/ 11,400 PSI	—
1 1/8 oz	Clays	Fio. 616	Rem. Fig. 8	15.8 gr/ 8,600 PSI	17.0 gr / 10,500 PSI	—	—
1 1/8 oz	Clays	Fio. 616	WAA12	15.8 gr/ 9,100 PSI	16.8 gr / 10,600 PSI	—	—
1 1/8 oz	Clays	Fio. 616	Windjammer	15.9 gr/ 8,100 PSI	17.2 gr / 9,500 PSI	18.4 gr/ 10,800 PSI	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig 8	16.9 gr/ 6,900 LUP	18.0 gr / 7,900 LUP	19.2 gr/ 9,000 LUP	—
1 1/8 oz	Clays	Rem. 209P	WAA12	16.6 gr/ 7,700 LUP	17.7 gr / 9,000 LUP	18.8 gr/ 10,300 LUP	—
1 1/8 oz	Clays	Rem. 209P	Windjammer	16.3 gr/ 8,100 PSI	17.5 gr / 9,500 PSI	18.8 gr/ 11,100 PSI	—
1 1/8 oz	Clays	Win. 209	Hor Versalite	15.8 gr/ 7,600 LUP	17.2 gr / 9,100 LUP	18.6 gr/ 10,500 LUP	—
1 1/8 oz	Clays	Win. 209	Rem. Fig. 8	16.4 gr/ 8,400 PSI	17.5 gr / 9,700 PSI	18.6 gr/ 11,000 PSI	—
1 1/8 oz	Clays	Win. 209	WAA12	16.2 gr/ 8,100 PSI	17.3 gr / 9,700 PSI	18.4 gr/ 11,300 PSI	—
1 1/8 oz	Clays	Win. 209	Windjammer	16.8 gr/ 7,700 PSI	18.1 gr / 9,100 PSI	19.4 gr/ 10,500 PSI	—
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	17.6 gr/ 7,800 PSI	18.7 gr / 8,900 PSI	19.8 gr/ 10,100 PSI	21.0 gr/ 11,300 PSI
1 1/8 oz	Internat'l	Ched. 209	WAA12	17.1 gr/ 8,000 PSI	18.3 gr / 9,200 PSI	19.5 gr/ 10,400 PSI	—
1 1/8 oz	Internat'l	Ched. 209	Windjammer	17.7 gr/ 7,500 PSI	18.8 gr / 8,600 PSI	19.9 gr/ 9,600 PSI	21.1 gr/ 10,800 PSI
1 1/8 oz	Internat'l	CCI 209	Rem. Fig. 8	17.8 gr/ 7,400 PSI	19.0 gr / 8,800 PSI	20.2 gr/ 10,200 PSI	21.3 gr/ 11,400 PSI
1 1/8 oz	Internat'l	CCI 209	WAA12	17.1 gr/ 7,800 PSI	18.3 gr / 8,900 PSI	19.6 gr/ 10,200 PSI	20.9 gr/ 11,400 PSI
1 1/8 oz	Internat'l	CCI 209	Windjammer	19.2 gr/ 6,100 LUP	19.8 gr / 6,500 LUP	21.2 gr/ 7,500 LUP	22.3 gr/ 8,300 LUP
1 1/8 oz	Internat'l	Fed. 209A	Rem. Fig. 8	16.9 gr/ 8,200 PSI	18.0 gr / 9,300 PSI	19.3 gr/ 10,700 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	WAA12	16.7 gr/ 8,300 PSI	17.9 gr / 9,600 PSI	19.1 gr/ 10,800 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	Windjammer	16.9 gr/ 7,600 PSI	18.2 gr / 8,900 PSI	19.6 gr/ 10,200 PSI	20.9 gr/ 11,400 PSI
1 1/8 oz	Internat'l	Fio. 616	Rem. Fig. 8	17.3 gr/ 7,900 PSI	18.5 gr / 9,000 PSI	19.7 gr/ 10,100 PSI	20.9 gr/ 11,300 PSI
1 1/8 oz	Internat'l	Fio. 616	WAA12	17.2 gr/ 8,300 PSI	18.3 gr / 9,500 PSI	19.4 gr/ 10,700 PSI	—
1 1/8 oz	Internat'l	Fio. 616	Windjammer	17.3 gr/ 6,900 PSI	18.7 gr / 8,400 PSI	20.0 gr/ 9,800 PSI	21.4 gr/ 11,200 PSI
1 1/8 oz	Internat'l	Rem. 209P	Fed. 12S3	17.6 gr/ 6,900 LUP	18.3 gr / 7,800 LUP	19.4 gr/ 9,000 LUP	20.6 gr/10,200 LUP
1 1/8 oz	Internat'l	Rem. 209P	Hor. Vers.	17.2 gr/ 7,700 PSI	18.4 gr / 8,900 PSI	19.6 gr/ 10,100 PSI	20.8 gr/ 11,300 PSI
1 1/8 oz	Internat'l	Rem. 209P	Rem. Fig. 8	18.6 gr/ 6,400 LUP	19.6 gr / 7,000 LUP	20.9 gr/ 7,500 LUP	21.7 gr/ 9,100 LUP
1 1/8 oz	Internat'l	Rem. 209P	WAA12	18.3 gr/ 7,000 LUP	18.8 gr / 7,600 LUP	19.7 gr/ 8,700 LUP	20.9 gr/10,400 LUP
1 1/8 oz	Internat'l	Rem. 209P	Windjammer	—	19.2 gr /8,400 PSI	20.3 gr/ 9,400 PSI	21.5 gr/ 10,500 PSI
1 1/8 oz	Internat'l	Win. 209	Hor. Versalite	17.8 gr/ 6,900 LUP	18.4 gr / 7,800 LUP	19.5 gr/ 9,100 LUP	20.6 gr/10,400 LUP

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Internat'l	Win. 209	Rem. Fig. 8	17.5 gr/ 7,900 PSI	18.6 gr / 9,000 PSI	19.7 gr/ 10,200 PSI	20.8 gr/ 11,300 PSI
1 1/8 oz	Internat'l	Win. 209	WAA12	17.0 gr/ 7,100 PSI	18.4 gr / 8,600 PSI	19.8 gr/ 10,100 PSI	21.1 gr/ 11,500 PSI
1 1/8 oz	Internat'l	Win. 209	Windjammer	19.4 gr/ 8,200 PSI	20.1 gr / 8,900 PSI	22.1 gr/ 10,300 PSI	—
1 1/8 oz	Titegroup	Rem. 209P	Rem. Fig. 8	14.9 gr/ 8,200 PSI	16.0 gr / 9,100 PSI	17.1 gr/ 10,000 PSI	18.5 gr/ 11,500 PSI
1 1/8 oz	Titegroup	Rem. 209P	WAA12	14.9 gr/ 8,000 PSI	15.8 gr / 9,200 PSI	16.7 gr/ 10,300 PSI	—
1 1/8 oz	Titegroup	Win. 209	Rem. Fig. 8	15.1 gr/ 8,000 PSI	16.1 gr / 8,900 PSI	17.1 gr/ 9,900 PSI	—
1 1/8 oz	Titegroup	Win. 209	WAA12	14.7 gr/ 8,300 PSI	15.8 gr / 9,400 PSI	16.8 gr/ 10,500 PSI	—
				1200 fps	1255 fps	1310 fps	
1 1/8 oz	Universal	CCI 209	Windjammer	23.2 gr/ 8,400 PSI	24.4 gr / 9,100 PSI	25.7 gr/ 10,200 PSI	
1 1/8 oz	Universal	Fed. 209A	Fed. 12S3	21.7 gr/ 10,200 PSI	22.7 gr / 11,000 PSI	—	
1 1/8 oz	Universal	Win. 209	Rem. Fig. 8	22.5 gr/ 8,900 PSI	23.7 gr / 9,900 PSI	25.0 gr/ 10,800 PSI	
1 1/8 oz	Universal	Win. 209	WAA12	21.5 gr/ 9,800 PSI	23.0 gr / 10,700 PSI	—	
				1420 fps	1475 fps	1530 fps	1585 fps
1 1/8 oz	Longshot	CCI 209M	Fed. 12S3	30.6 gr/ 10,000 PSI	31.9 gr / 11,000 PSI	—	—
1 1/8 oz	Longshot	CCI 209M	Hor. Vers.	31.7 gr/ 9,000 PSI	32.9 gr / 9,900 PSI	34.1 gr/ 10,900 PSI	—
1 1/8 oz	Longshot	CCI 209M	Rem. R12L	31.0 gr/ 9,600 PSI	32.7 gr / 10,400 PSI	34.5 gr/ 11,400 PSI	—
1 1/8 oz	Longshot	CCI 209M	WAA12	30.9 gr/ 9,800 PSI	32.3 gr / 10,600 PSI	33.6 gr/ 11,400 PSI	—
1 1/8 oz	Longshot	CCI 209M	Windjammer	31.7 gr/ 9,000 PSI	33.3 gr / 9,800 PSI	34.8 gr/ 10,600 PSI	36.4 gr/ 11,500 PSI
1 1/8 oz	Longshot	Fed. 209A	Fed. 12S3	29.4 gr/ 10,700 PSI	31.1 gr / 11,600 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	Rem. R12L	29.8 gr/ 10,200 PSI	31.2 gr / 11,100 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	WAA12	29.4 gr/ 10,900 PSI	—	—	—
1 1/8 oz	Longshot	Fed. 209A	Windjammer	30.6 gr/ 9,300 PSI	32.1 gr / 10,300 PSI	33.6 gr/ 11,300 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Hor. Vers.	31.0 gr/ 9,100 PSI	32.4 gr / 10,000 PSI	33.7 gr/ 10,900 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Rem. R12L	31.1 gr/ 9,400 PSI	32.5 gr / 10,400 PSI	33.9 gr/ 11,400 PSI	—
1 1/8 oz	Longshot	Rem. 209P	WAA12	30.6 gr/ 9,300 PSI	31.7 gr / 10,400 PSI	32.7 gr/ 11,500 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Windjammer	32.0 gr/ 8,600 PSI	33.5 gr / 9,700 PSI	35.0 gr/ 10,900 PSI	—
1 1/8 oz	Longshot	Win. 209	Fed. 12S3	31.9 gr/ 8,500 PSI	33.0 gr / 9,800 PSI	34.2 gr/ 11,100 PSI	—
1 1/8 oz	Longshot	Win. 209	Rem. R12L	31.5 gr/ 8,800 PSI	32.0 gr / 10,100 PSI	34.5 gr/ 11,400 PSI	—
1 1/8 oz	Longshot	Win. 209	WAA12	31.7 gr/ 9,100 PSI	32.8 gr / 10,100 PSI	33.5 gr/ 11,200 PSI	—
1 1/8 oz	Longshot	Win. 209	Windjammer	33.4 gr/ 7,700 PSI	34.3 gr / 8,800 PSI	35.3 gr/ 10,000 PSI	36.3 gr/ 11,100 PSI
				1100 fps	1150 fps	1200 fps	1250 fps
1 1/8 oz	700-X	Fed. 209A	Fed. 12S3	15.0 gr/ 9,300 PSI	16.0 gr / 10,200 PSI	17.5 gr/ 11,500 PSI	—
1 1/8 oz	700-X	Fed. 209A	Rem. FIG. 8	15.5 gr/ 8,900 PSI	16.5 gr / 10,000 PSI	17.5 gr/ 11,000 PSI	—
1 1/8 oz	700-X	Fed. 209A	WAA12	15.0 gr/ 9,500 PSI	16.5 gr / 10,900 PSI	—	—
1 1/8 oz	700-X	Fed. 209A	Windjammer	15.5 gr/ 8,400 PSI	16.5 gr / 9,500 PSI	17.5 gr/ 10,400 PSI	18.5 gr/11,100 PSI
1 1/8 oz	700-X	Rem. 209P	Fed. 12S3	15.0 gr/ 8,900 PSI	16.5 gr / 10,200 PSI	17.5 gr/ 11,100 PSI	—
1 1/8 oz	700-X	Rem. 209P	Rem. FIG. 8	15.5 gr/ 8,100 PSI	16.5 gr / 9,000 PSI	18.0 gr/ 10,400 PSI	19.0 gr/11,300 PSI
1 1/8 oz	700-X	Rem. 209P	WAA12	15.0 gr/ 8,500 PSI	16.0 gr / 9,600 PSI	17.5 gr/ 11,200 PSI	—
1 1/8 oz	700-X	Rem. 209P	Windjammer	15.5 gr/ 7,600 PSI	16.5 gr / 8,400 PSI	18.0 gr/ 9,600 PSI	19.0 gr/10,500 PSI
1 1/8 oz	700-X	Win. 209	Fed. 12S3	15.5 gr/ 9,000 PSI	16.5 gr / 9,800 PSI	17.5 gr/ 10,900 PSI	—
1 1/8 oz	700-X	Win. 209	Rem. FIG. 8	15.5 gr/ 8,500 PSI	16.5 gr / 9,400 PSI	18.0 gr/ 10,800 PSI	—
1 1/8 oz	700-X	Win. 209	WAA12	15.5 gr/ 9,300 PSI	16.5 gr / 10,200 PSI	17.5 gr/ 11,200 PSI	—
1 1/8 oz	700-X	Win. 209	Windjammer	15.5 gr/ 8,000 PSI	16.5 gr / 8,900 PSI	17.5 gr/ 9,800 PSI	19.0 gr/11,100 PSI
1 1/8 oz	PB	Fed. 209A	Fed. 12S4	18.5 gr/ 8,400 PSI	19.5 gr / 8,800 PSI	21.0 gr/ 9,600 PSI	23.0 gr/10,900 PSI

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1100 fps	1150 fps	1200 fps	1250 fps
1 1/8 oz	PB	Fed. 209A	Rem. FIG. 8	19.5 gr/ 7,500 PSI	20.5 gr/ 8,100 PSI	22.0 gr/ 8,900 PSI	23.5 gr/ 9,600 PSI
1 1/8 oz	PB	Fed. 209A	WAA12	18.5 gr/ 8,200 PSI	20.0 gr/ 9,200 PSI	21.0 gr/ 9,900 PSI	23.0 gr/11,000 PSI
1 1/8 oz	PB	Fed. 209A	Windjammer	19.5 gr/ 6,800 PSI	20.5 gr/ 7,500 PSI	22.0 gr/ 8,500 PSI	23.5 gr/ 9,500 PSI
1 1/8 oz	PB	Rem. 209P	Fed. 12S4	19.0 gr/ 7,700 PSI	20.0 gr/ 8,400 PSI	21.5 gr/ 9,300 PSI	23.0 gr/10,000 PSI
1 1/8 oz	PB	Rem. 209P	Rem. FIG. 8	20.0 gr/ 6,800 PS	21.5 gr/ 7,500 PSI	23.0 gr/ 8,400 PSI	24.5 gr/ 9,300 PSI
1 1/8 oz	PB	Rem. 209P	WAA12	19.5 gr/ 7,300 PSI	20.5 gr/ 8,000 PSI	22.0 gr/ 8,700 PSI	23.5 gr/ 9,500 PSI
1 1/8 oz	PB	Rem. 209P	Windjammer	20.0 gr/ 6,300 PSI	21.0 gr/ 6,900 PSI	22.5 gr/ 7,900 PSI	24.0 gr/ 8,900 PSI
1 1/8 oz	PB	Win. 209	Fed. 12S4	19.0 gr/ 7,700 PSI	20.5 gr/ 8,500 PSI	21.5 gr/ 9,100 PSI	23.5 gr/10,400 PSI
1 1/8 oz	PB	Win. 209	Rem. FIG. 8	19.5 gr/ 6,900 PSI	21.0 gr/ 7,900 PSI	22.0 gr/ 8,400 PSI	23.5 gr/ 9,300 PSI
1 1/8 oz	PB	Win. 209	WAA12	19.0 gr/ 7,700 PSI	20.0 gr/ 8,400 PSI	22.0 gr/ 9,400 PSI	23.5 gr/10,200 PSI
1 1/8 oz	PB	Win. 209	Windjammer	20.0 gr/ 6,700 PSI	21.0 gr/ 7,300 PSI	22.5 gr/ 8,200 PSI	24.0 gr/ 9,100 PSI
1 1/8 oz	SR 7625	Fed. 209A	Fed. 12S3	20.0 gr/ 7,300 PSI	21.0 gr/ 8,100 PSI	22.5 gr/ 9,100 PSI	24.0 gr/10,000 PSI
1 1/8 oz	SR 7625	Fed. 209A	Rem. RXP12	20.5 gr/ 7,200 PSI	22.0 gr/ 8,000 PSI	23.0 gr/ 8,600 PSI	24.5 gr/ 9,400 PSI
1 1/8 oz	SR 7625	Fed. 209A	WAA12	19.5 gr/ 7,900 PSI	20.5 gr/ 8,500 PSI	22.0 gr/ 9,700 PSI	23.0 gr/10,500 PSI
1 1/8 oz	SR 7625	Fed. 209A	Windjammer	21.0 gr/ 6,500 PSI	22.0 gr/ 7,200 PSI	23.5 gr/ 7,800 PSI	25.0 gr/ 8,400 PSI
1 1/8 oz	SR 7625	Rem. 209P	Fed. 12S3	21.0 gr/ 7,200 PSI	22.0 gr/ 7,800 PSI	23.5 gr/ 8,700 PSI	24.5 gr/ 9,500 PSI
1 1/8 oz	SR 7625	Rem. 209P	Rem. RXP12	21.0 gr/ 6,500 PSI	22.5 gr/ 7,400 PSI	24.0 gr/ 8,200 PSI	25.5 gr/ 9,000 PSI
1 1/8 oz	SR 7625	Rem. 209P	WAA12	20.0 gr/ 7,100 PSI	21.5 gr/ 8,000 PSI	23.0 gr/ 8,700 PSI	24.5 gr/ 9,400 PSI
1 1/8 oz	SR 7625	Rem. 209P	Windjammer	21.5 gr/ 6,000 PSI	23.0 gr/ 6,700 PSI	24.0 gr/ 7,300 PSI	25.5 gr/ 8,400 PSI
1 1/8 oz	SR 7625	Win. 209	Fed. 12S3	20.5 gr/ 6,700 PSI	22.0 gr/ 7,800 PSI	23.5 gr/ 8,800 PSI	24.5 gr/ 9,600 PSI
1 1/8 oz	SR 7625	Win. 209	Rem. RXP12	21.0 gr/ 6,200 PSI	22.5 gr/ 7,400 PSI	23.5 gr/ 7,900 PSI	25.0 gr/ 8,800 PSI
1 1/8 oz	SR 7625	Win. 209	WAA12	20.5 gr/ 7,000 PSI	22.0 gr/ 7,900 PSI	23.0 gr/ 8,600 PSI	24.5 gr/ 9,500 PSI
1 1/8 oz	SR 7625	Win. 209	Windjammer	21.5 gr/ 5,900 PSI	22.5 gr/ 6,500 PSI	24.0 gr/ 7,700 PSI	25.0 gr/ 8,500 PSI
1 1/8 oz	800-X	CCI 209	Fed. 12S3	19.5 gr/ 7,000 PSI	20.5 gr/ 7,600 PSI	22.0 gr/ 8,500 PSI	23.5 gr/ 9,400 PSI
1 1/8 oz	800-X	CCI 209	Rem. FIG. 8	19.5 gr/ 6,500 PSI	21.0 gr/ 7,200 PSI	22.0 gr/ 7,600 PSI	24.0 gr/ 8,700 PSI
1 1/8 oz	800-X	CCI 209	WAA12	19.5 gr/ 6,900 PSI	20.5 gr/ 7,500 PSI	21.5 gr/ 8,200 PSI	23.0 gr/ 9,100 PSI
1 1/8 oz	800-X	CCI 209	Windjammer	20.0 gr/ 6,000 PSI	21.0 gr/ 6,700 PSI	22.0 gr/ 7,300 PSI	23.5 gr/ 8,200 PSI
1 1/8 oz	800-X	Fed. 209A	Fed. 12S3	19.0 gr/ 7,300 PSI	20.0 gr/ 8,000 PSI	21.5 gr/ 9,000 PSI	23.0 gr/ 9,900 PSI
1 1/8 oz	800-X	Fed. 209A	Rem. FIG. 8	19.5 gr/ 6,900 PSI	20.5 gr/ 7,500 PSI	22.0 gr/ 8,400 PSI	23.5 gr/ 9,200 PSI
1 1/8 oz	800-X	Fed. 209A	WAA12	19.0 gr/ 7,200 PSI	20.0 gr/ 8,000 PSI	21.0 gr/ 8,700 PSI	22.5 gr/ 9,700 PSI
1 1/8 oz	800-X	Fed. 209A	Windjammer	20.0 gr/ 6,500 PSI	21.0 gr/ 7,200 PSI	22.0 gr/ 7,900 PSI	23.0 gr/ 8,600 PSI
1 1/8 oz	800-X	Win. 209	Fed. 12S3	19.0 gr/ 6,800 PSI	20.0 gr/ 7,500 PSI	21.5 gr/ 8,500 PS	23.0 gr/ 9,600 PSI
1 1/8 oz	800-X	Win. 209	Rem. FIG. 8	19.5 gr/ 6,500 PSI	20.5 gr/ 7,200 PSI	22.0 gr/ 8,100 PSI	23.5 gr/ 8,900 PSI
1 1/8 oz	800-X	Win. 209	WAA12	19.0 gr/ 6,900 PSI	20.0 gr/ 7,800 PSI	21.0 gr/ 8,600 PSI	22.5 gr/ 9,600 PSI
1 1/8 oz	800-X	Win. 209	Windjammer	20.0 gr/ 6,200 PSI	21.0 gr/ 6,900 PSI	22.0 gr/ 7,500 PSI	23.5 gr/ 8,400 PSI
				980 fps	1035 fps	1090 fps	1145 fps
1 1/8 oz	WAALite	Ched. 209	Rem. FIG. 8	12.8 gr/ 8,200 PSI	13.9 gr/ 9,500 PSI	14.9 gr/ 10,800 PSI	–
1 1/8 oz	WAALite	Ched. 209	WAA12	12.5 gr/ 8,200 PSI	13.6 gr/ 10,300 PSI	14.7 gr/ 11,500 PSI	–
1 1/8 oz	WAALite	Ched. 209	WJ-12-RPL	12.8 gr/ 7,400 PSI	13.9 gr/ 8,600 PSI	15.2 gr/ 10,000 PSI	16.1 gr/11,000 PSI
1 1/8 oz	WAALite	Fed. 209A	Rem. FIG. 8	12.9 gr/ 7,900 PSI	13.8 gr/ 9,300 PSI	14.8 gr/ 10,800 PSI	–
1 1/8 oz	WAALite	Fed. 209A	WAA12	13.1 gr/ 8,400 PSI	13.9 gr/ 9,500 PSI	14.8 gr/ 10,800 PSI	–
1 1/8 oz	WAALite	Fed. 209A	WJ-12-RPL	12.8 gr/ 7,600 PSI	13.7 gr/ 8,700 PSI	14.6 gr/ 9,800 PSI	15.5 gr/10,900 PSI
1 1/8 oz	WAALite	Rem. 209P	Rem. FIG. 8	12.9 gr/ 8,100 PSI	13.9 gr/ 9,500 PSI	14.9 gr/ 10,900 PSI	–
1 1/8 oz	WAALite	Rem. 209P	WAA12	12.7 gr/ 8,000 PSI	13.7 gr/ 9,500 PSI	14.8 gr/ 11,100 PSI	–

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				980 fps	1035 fps	1090 fps	1145 fps
1 1/8 oz	WAALite	Rem. 209P	WJ-12-RPL	13.2 gr/ 7,300 PSI	14.2 gr/ 8,700 PSI	15.1 gr/ 9,700 PSI	16.0 gr/11,000 PSI
1 1/8 oz	WAALite	Win. 209	Rem. FIG. 8	13.0 gr/ 7,500 PSI	14.0 gr/ 8,900 PSI	15.0 gr/ 10,200 PSI	15.6 gr/11,500 PSI
1 1/8 oz	WAALite	Win. 209	WAA12	12.9 gr/ 7,600 PSI	13.9 gr/ 9,400 PSI	14.7 gr/ 10,800 PSI	–
1 1/8 oz	WAALite	Win. 209	WJ-12-RPL	13.0 gr/ 7,100 PSI	14.0 gr/ 8,300 PSI	15.2 gr/ 9,700 PSI	16.0 gr/10,900 PSI
				1145 fps	1200 fps	1255 fps	1310 fps
1 1/8 oz	WST	CCI 209	Rem. FIG 8	18.5 gr/ 10,200 PSI	–	–	–
1 1/8 oz	WST	CCI 209	Rem. RXP12	18.5 gr/ 10,800 PSI	–	–	–
1 1/8 oz	WST	CCI 209	WAA12	18.0 gr/ 10,800 PSI	–	–	–
1 1/8 oz	WST	Win. 209	Rem. FIG 8	19.0 gr/ 10,400 PSI	–	–	–
1 1/8 oz	WST	Win. 209	Rem. RXP12	19.0 gr/ 10,500 PSI	–	–	–
1 1/8 oz	Super Hcp	Ched. 209	DRV-12	18.0 gr/ 8,500 PSI	19.4 gr/ 10,000 PSI	20.8 gr/ 11,500 PSI	–
1 1/8 oz	Super Hcp	Ched. 209	Rem. FIG. 8	17.8 gr/ 8,400 PSI	19.3 gr/ 9,800 PSI	20.9 gr/ 11,400 PSI	–
1 1/8 oz	Super Hcp	Ched. 209	WAA12	17.9 gr/ 8,300 PSI	19.3 gr/ 9,800 PSI	20.8 gr/ 11,300 PSI	–
1 1/8 oz	Super Hcp	Ched. 209	WJ-12-RPL	18.0 gr/ 7,200 PSI	19.5 gr/ 8,400 PSI	21.1 gr/ 9,900 PSI	22.8 gr/11,400 PSI
1 1/8 oz	Super Hcp	Fed. 209A	DRV-12	17.8 gr/ 9,200 PSI	19.3 gr/ 10,600 PSI	–	–
1 1/8 oz	Super Hcp	Fed. 209A	Rem. FIG. 8	17.6 gr/ 8,600 PSI	19.1 gr/ 10,200 PSI	–	–
1 1/8 oz	Super Hcp	Fed. 209A	WAA12	17.4 gr/ 8,800 PSI	19.2 gr/ 10,300 PSI	–	–
1 1/8 oz	Super Hcp	Fed. 209A	WJ-12-RPL	18.0 gr/ 7,500 PSI	19.3 gr/ 8,600 PSI	20.6 gr/ 9,900 PSI	21.8 gr/11,100 PSI
1 1/8 oz	Super Hcp	Rem. 209P	DRV-12	18.3 gr/ 8,700 PSI	19.6 gr/ 10,000 PSI	20.9 gr/ 11,200 PSI	–
1 1/8 oz	Super Hcp	Rem. 209P	Rem. FIG. 8	18.4 gr/ 8,400 PSI	19.6 gr/ 9,700 PSI	20.9 gr/ 11,100 PSI	–
1 1/8 oz	Super Hcp	Rem. 209P	WAA12	18.5 gr/ 8,700 PSI	19.8 gr/ 10,000 PSI	21.0 gr/ 11,400 PSI	–
1 1/8 oz	Super Hcp	Rem. 209P	WJ-12-RPL	18.0 gr/ 6,800 PSI	19.8 gr/ 8,100 PSI	21.5 gr/ 9,400 PSI	23.0 gr/10,500 PSI
1 1/8 oz	Super Hcp	Win. 209	DRV-12	18.5 gr/ 8,600 PSI	19.8 gr/ 10,000 PSI	21.0 gr/ 11,300 PSI	–
1 1/8 oz	Super Hcp	Win. 209	Rem. FIG. 8	18.2 gr/ 8,200 PSI	19.6 gr/ 9,700 PSI	20.9 gr/ 11,100 PSI	–
1 1/8 oz	Super Hcp	Win. 209	WAA12	18.4 gr/ 8,100 PSI	19.7 gr/ 9,600 PSI	21.0 gr/ 11,200 PSI	–
1 1/8 oz	Super Hcp	Win. 209	WJ-12-RPL	18.0 gr/ 6,700 PSI	19.8 gr/ 8,100 PSI	21.5 gr/ 9,500 PSI	23.0 gr/11,100 PSI
				1145 fps	1310 fps	1365 fps	1400 fps
1 1/8 oz	WSF	Win. 209	Fed. 12S3	–	–	28.0 gr/ 8,900 PSI	29.0 gr/ 9,500 PSI
1 1/8 oz	WSF	Win. 209	WAA12	–	27.0 gr/ 9,700 PSI	28.5 gr/ 10,700 PSI	–
				1220 fps	1330 fps		
1 1/4 oz	Universal	CCI 209	Rem. SP12	23.7 gr/ 9,200 PSI	—		
1 1/4 oz	Universal	CCI 209	WAA12F114	23.1 gr/ 10,800 PSI	—		
1 1/4 oz	Universal	CCI 209M	Rem. SP12	23.5 gr/ 10,800 PSI	—		
1 1/4 oz	Universal	CCI 209M	WAA12F114	23.0 gr/ 11,300 PSI	—		
1 1/4 oz	Universal	Fed. 209A	Rem. SP12	22.5 gr/ 11,300 PSI	—		
1 1/4 oz	Universal	Rem.209P	Rem. SP12	24.0 gr/ 9,600 PSI	—		
1 1/4 oz	Universal	Rem. 209P	WAA12F114	23.7 gr/ 10,600 PSI	—		
1 1/4 oz	Universal	Win. 209	Rem. SP12	24.0 gr/ 10,000 PSI	—		
1 1/4 oz	Universal	Win. 209	WAA12F114	23.5 gr/ 10,900 PSI	—		
1 1/4 oz	HS-6	Win. 209	WAA12F114	32.0 gr/ 9,200 LUP	34.0 gr/ 10,400 LUP		
1 1/4 oz	HS-6	Win. 209	Rem. R12H	32.0 gr/ 9,100 LUP	34.0 gr/ 10,200 LUP		
				1330 fps	1385 fps	1440 fps	1495 fps
1 1/4 oz	Longshot	CCI 209M	Fed. 12S4	27.0 gr/ 11,400 PSI	—	—	—

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1330 fps	1385 fps	1440 fps	1495 fps
1 1/4 oz	Longshot	CCI 209M	Rem. R12L	27.7 gr/ 10,600 PSI	28.7 gr / 11,500 PSI	—	—
1 1/4 oz	Longshot	CCI 209M	WAA12F114	26.4 gr/ 11,500 PSI	—	—	—
1 1/4 oz	Longshot	Fed. 209A	Fed. 12S4	27.0 gr/ 11,500 PSI	—	—	—
1 1/4 oz	Longshot	Fed. 209A	Rem. R12L	27.5 gr/ 10,600 PSI	—	—	—
1 1/4 oz	Longshot	Fed. 209A	WAA12F114	27.3 gr/ 11,400 PSI	—	—	—
1 1/4 oz	Longshot	Rem. 209P	Fed. 12S4	27.4 gr/ 10,900 PSI	—	—	—
1 1/4 oz	Longshot	Rem. 209P	Rem. R12L	28.5 gr/ 9,900 PSI	29.9 gr / 10,700 PSI	—	—
1 1/4 oz	Longshot	Rem. 209P	WAA12F114	27.1 gr/ 10,600 PSI	28.2 gr / 11,500 PSI	—	—
1 1/4 oz	Longshot	Win. 209	Fed. 12S4	28.3 gr/ 9,900 PSI	29.6 gr / 11,100 PSI	—	—
1 1/4 oz	Longshot	Win. 209	Rem. R12L	28.5 gr/ 9,300 PSI	30.2 gr / 10,300 PSI	31.8 gr / 11,200 PSI	—
1 1/4 oz	Longshot	Win. 209	WAA12F114	28.2 gr/ 9,100 PSI	30.1 gr / 10,400 PSI	—	—
				1225 fps	1275 fps	1325 fps	
1 1/4 oz	PB	Rem. 209P	Rem. SP12	23.0 gr/ 10,600 PSI	24.5 gr / 11,500 PSI	—	
1 1/4 oz	SR 7625	Fed. 209A	Rem. SP12	24.0 gr/ 10,600 PSI	25.5 gr / 11,500 PSI	—	
1 1/4 oz	SR 7625	Fed. 209A	WAA12R	24.0 gr/ 9,900 PSI	26.0 gr / 11,300 PSI	—	
1 1/4 oz	SR 7625	Rem. 209P	Rem. SP12	—	27.5 gr / 10,600 PSI	28.5 gr / 11,500 PSI	
1 1/4 oz	SR 7625	Rem. 209P	WAA12R	—	27.0 gr / 10,300 PSI	28.5 gr / 11,400 PSI	
1 1/4 oz	SR 7625	Win. 209	Rem. SP12	—	26.5 gr / 10,800 PSI	27.5 gr / 11,500 PSI	
1 1/4 oz	SR 7625	Win. 209	WAA12R	—	27.0 gr / 10,200 PSI	29.0 gr / 11,500 PSI	
1 1/4 oz	SR 4756	Fed. 209A	Fed. 12S4	26.5 gr/ 10,700 PSI	27.5 gr / 11,400 PSI	—	
1 1/4 oz	SR 4756	Fed. 209A	Rem. RP12	—	26.5 gr / 10,500 PSI	28.0 gr / 11,500 PSI	
1 1/4 oz	SR 4756	Fed. 209A	WAA12R	—	28.0 gr / 10,600 PSI	29.0 gr / 11,400 PSI	
1 1/4 oz	SR 4756	Rem. 209P	Rem. SP12	—	30.0 gr / 9,300 PSI	31.5 gr / 10,400 PSI	
1 1/4 oz	800-X	Fed. 209A	Fed. 12S3	—	24.0 gr / 11,200 PSI	—	
1 1/4 oz	800-X	Fed. 209A	Rem. FIG. 8	—	24.0 gr / 10,200 PSI	25.5 gr / 11,100 PSI	
1 1/4 oz	800-X	Fed. 209A	WAA12	—	24.0 gr / 11,400 PSI	—	
1 1/4 oz	800-X	Fed. 209A	Windjammer	—	24.0 gr / 9,900 PSI	25.5 gr / 10,900 PSI	
1 1/4 oz	800-X	Rem. 209P	Fed. 12S3	—	24.5 gr / 10,500 PSI	26.0 gr / 11,400 PSI	
1 1/4 oz	800-X	Rem. 209P	Rem. SP12	—	24.5 gr / 9,500 PSI	26.0 gr / 10,200 PSI	
1 1/4 oz	800-X	Rem. 209P	WAA12	—	24.5 gr / 10,300 PSI	26.0 gr / 11,100 PSI	
1 1/4 oz	800-X	Rem. 209P	Windjammer	—	25.0 gr / 9,000 PSI	26.5 gr / 10,000 PSI	
1 1/4 oz	800-X	Win. 209	Fed. 12S4	—	24.5 gr / 10,600 PSI	26.0 gr / 11,500 PSI	
1 1/4 oz	800-X	Win. 209	Rem. SP12	—	24.5 gr / 10,100 PSI	26.0 gr / 11,000 PSI	
				1225 fps	1275 fps	1325 fps	
1 1/4 oz	800-X	Win. 209	WAA12	—	24.5 gr / 11,000 PSI	25.5 gr / 11,500 PSI	
1 1/4 oz	800-X	Win. 209	Windjammer	—	24.5 gr / 9,700 PSI	—	
				1220 fps	1275 fps	1330 fps	
1 1/4 oz	WSF	CCI 209	WAA12F114	25.5 gr/ 9,100 PSI	27.0 gr / 10,200 PSI	28.5 gr / 10,900 PSI	–
1 1/4 oz	WSF	Win. 209	WAA12F114	–	27.5 gr / 9,700 PSI	29.5 gr / 10,400 PSI	–
				1185 fps	1240 fps	1295 fps	
1 3/8 oz	Longshot	CCI 209M	Fed. 12S4	23.1 gr / 11,200 PSI	—	—	
1 3/8 oz	Longshot	CCI 209M	G/BP Sport	23.1 gr / 10,000 PSI	24.9 gr / 11,500 PSI	—	
1 3/8 oz	Longshot	CCI 209M	Rem. SP12	24.1 gr / 10,300 PSI	25.3 gr / 11,300 PSI	—	
1 3/8 oz	Longshot	FED. 209A	FED. 12S4	22.5 gr / 10,800 PSI	—	—	

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1185 fps	1240 fps	1295 fps	
1 3/8 oz	Longshot	FED. 209A	G/BP Sport	23.1 gr / 10,100 PSI	24.7 gr / 11,500 PSI	—	
1 3/8 oz	Longshot	FED. 209A	Rem. SP12	22.9 gr/ 9,700 PSI	25.0 gr / 11,000 PSI	—	
1 3/8 oz	Longshot	REM. 209P	Fed. 12S4	23.0 gr / 10,600 PSI	—	—	
1 3/8 oz	Longshot	REM. 209P	G/BP Sport	23.4 gr/ 9,300 PSI	25.2 gr / 10,800 PSI	—	
1 3/8 oz	Longshot	REM. 209P	Rem. SP12	23.4 gr/ 9,300 PSI	26.1 gr / 10,200 PSI	27.7 gr / 11,500 PSI	
1 3/8 oz	Longshot	WIN. 209	FED. 12S4	23.5 gr/ 9,900 PSI	—	—	
1 3/8 oz	Longshot	WIN. 209	G/BP Sport	23.5 gr/ 9,400 PSI	25.3 gr / 10,500 PSI	—	
1 3/8 oz	Longshot	WIN. 209	Rem. SP12	24.9 gr/ 8,800 PSI	26.1 gr / 10,400 PSI	—	
				1100 fps	1150 fps	1200 fps	1250 fps
1 3/8 oz	PB	Fed. 209A	Rem. SP12	19.5 gr / 11,000 PSI	—	—	—
1 3/8 oz	PB	Fed. 209A	WAA12R	19.5 gr / 10,900 PSI	—	—	—
1 3/8 oz	PB	Rem. 209P	Rem. SP12	—	21.0 gr / 11,000 PSI	—	—
1 3/8 oz	PB	Rem. 209P	WAA12R	—	21.5 gr / 10,900 PSI	—	—
1 3/8 oz	PB	Win. 209	Rem. RP12	20.5 gr / 11,100 PSI	—	—	—
1 3/8 oz	PB	Win. 209	WAA12R	—	21.5 gr / 11,000 PSI		
1 3/8 oz	SR 7625	Fed. 209A	Rem. SP12	22.0 gr / 11,200 PSI	—	—	—
1 3/8 oz	SR 7625	Fed. 209A	WAA12R	21.5 gr / 10,800 PSI	—	—	—
1 3/8 oz	SR 7625	Rem. 209P	Rem. RP12	—	—	24.5 gr / 10,800 PSI	—
1 3/8 oz	SR 7625	Rem. 209P	WAA12R	—	—	25.0 gr / 11,000 PSI	—
1 3/8 oz	SR 7625	Win. 209	Rem. RP12	—	23.0 gr / 11,100 PSI	—	—
1 3/8 oz	SR 7625	Win. 209	WAA12R	—	23.5 gr / 10,900 PSI	—	—
1 3/8 oz	SR 4756	Fed. 209A	Rem. SP12	—	—	26.0 gr / 11,000 PSI	—
1 3/8 oz	SR 4756	Fed. 209A	WAA12R	—	—	26.0 gr / 11,100 PSI	—
1 3/8 oz	SR 4756	Rem. 209P	Rem. SP12	—	—	—	30.0 gr / 10,900 PSI
				1300 fps			
1 3/8 oz	SR 4756	Rem. 209P	WAA12R	30.5 gr / 11,100 PSI			
				1100 fps	1150 fps	1200 fps	1250 fps
1 3/8 oz	SR 4756	Win. 209	Rem. RP12	—	—	—	29.0 gr / 11,100 PSI
1 3/8 oz	SR 4756	Win. 209	WAA12R	—	—	—	28.5 gr / 10,900 PSI
1 3/8 oz	800-X	Fed. 209A	Rem. RP12	—	—	22.5 gr / 11,000 PSI	—
1 3/8 oz	800-X	Fed. 209A	WAA12R	—	—	23.0 gr / 11,100 PSI	—
				1225 fps	1250 fps	1275 fps	
1 3/8 oz	800-X	Rem. 209P	Fed. 12S4	24.0 gr / 11,100 PSI	—	—	
1 3/8 oz	800-X	Rem. 209P	Rem. SP12	—	—	26.5 gr / 11,000 PSI	
1 3/8 oz	800-X	Rem. 209P	WAA12R	—	—	25.5 gr / 11,100 PSI	
1 3/8 oz	800-X	Win. 209	Rem. SP12	24.0 gr / 11,000 PSI	—	—	
1 3/8 oz	800-X	Win. 209	WAA12R	—	24.5 gr / 10,900 PSI	—	
				1205 fps	1260 fps		
1 1/2 oz	Longshot	Rem. 209P	Rem. RP12	25.0 gr / 11,500 PSI	—		
1 1/2 oz	Longshot	Rem. 209P	WAA12R	24.8 gr / 11,000 PSI	—		
1 1/2 oz	Longshot	Win. 209	Rem. RP12	25.6 gr / 10,400 PSI	—		
1 1/2 oz	Longshot	Win. 209	WAA12R	26.1 gr / 10,500 PSI	27.0 gr / 11,300 PSI		

12 GA., 2 3/4", REMINGTON STS, OR NITRO 27, OR GUN CLUB PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*
				1150 fps
1 1/2 oz	SR 4756	Rem. 209P	Rem. RP12	27.0 gr/ 11,200 PSI
1 1/2 oz	SR 4756	Rem. 209P	WAA12R	27.5 gr/ 11,000 PSI
1 1/2 oz	SR 4756	Win. 209	WAA12R	26.5 gr/ 11,200 PSI
1 1/2 oz	800-X	Fed. 209A	Rem. RP12	22.0 gr/ 11,200 PSI
1 1/2 oz	800-X	Fed. 209A	WAA12R	22.5 gr/ 11,300 PSI
1 1/2 oz	800-X	Rem. 209P	Rem. RP12	23.0 gr/ 11,200 PSI
1 1/2 oz	800-X	Rem. 209P	WAA12R	23.5 gr/ 11,200 PSI
1 1/2 oz	800-X	Win. 209	Rem. RP12	22.5 gr/ 11,300 PSI
1 1/2 oz	800-X	Win. 209	WAA12R	23.0 gr/ 11,200 PSI

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Titewad	Fed. 209A	WAA12L	17.8 gr/ 8,600 PSI	18.8 gr/ 9,100 PSI	19.8 gr/ 10,700 PSI	—
7/8 oz	Titewad	Rem. 209P	Fed. 12S0	17.4 gr/ 9,200 PSI	18.6 gr/ 10,100 PSI	19.4 gr/ 11,300 PSI	—
7/8 oz	Titewad	Fio. 616	Rem. TGT 12	17.5 gr/ 8,100 PSI	19.2 gr/ 8,900 PSI	20.1 gr/ 9,800 PSI	21.3 gr/10,500 PSI
7/8 oz	Titewad	Rem. 209P	Rem.TGT12	17.2 gr/ 8,300 PSI	18.2 gr/ 9,400 PSI	19.5 gr/ 10,300 PSI	—
7/8 oz	Titewad	Rem. 209P	WAA12L	18.0 gr/ 8,500 PSI	19.0 gr/ 9,100 PSI	19.9 gr/ 10,000 PSI	—
7/8 oz	Titewad	Win. 209	Fed. 12S0	17.3 gr/ 9,300 PSI	18.5 gr/ 10,400 PSI	19.5 gr/ 11,300 PSI	—
7/8 oz	Titewad	Win. 209	Rem.TGT12	17.1 gr/ 9,300 PSI	18.1 gr/ 9,900 PSI	19.5 gr/ 10,800 PSI	—
7/8 oz	Titewad	Win. 209	WAA12L	17.8 gr/ 8,600 PSI	19.1 gr/ 9,500 PSI	20.2 gr/ 10,300 PSI	21.4 gr/10,800 PSI
				1200 fps	1250 fps	1300 fps	1350 fps
7/8 oz	Clays	CCI 209M	Rem. TGT 12	16.5 gr/ 7,100 PSI	17.5 gr/ 7,800 PSI	18.5 gr/ 8,900 PSI	—
7/8 oz	Clays	CCI 209M	WAA12L	15.8 gr/ 7,500 PSI	17.1 gr/ 9,200 PSI	18.0 gr/ 10,600 PSI	—
7/8 oz	Clays	Fed. 209A	Fed. 12S0	16.0 gr/ 8,800 PSI	17.4 gr/ 9,400 PSI	18.3 gr/ 11,300 PSI	—
7/8 oz	Clays	Fed. 209A	Rem.TGT12	16.0 gr/ 6,900 PSI	17.2 gr/ 9,300 PSI	18.5 gr/ 9,900 PSI	19.5 gr/ 11,400PSI
7/8 oz	Clays	Fed. 209A	WAA12L	—	18.0 gr/ 8,400 PSI	19.1 gr/ 9,300 PSI	20.5 gr/10,800 PSI
7/8 oz	Clays	Fed. 209A	WAA12SL	—	18.0 gr/ 8,500 PSI	19.0 gr/ 9,700 PSI	—
7/8 oz	Clays	Rem. 209P	Fed. 12S0	16.8 gr/ 7,100 PSI	18.0 gr/ 8,600 PSI	19.0 gr/ 9,200 PSI	—
7/8 oz	Clays	Rem. 209P	Rem. TGT 12	18.2 gr/ 6,000 LUP	18.9 gr/ 6,800 LUP	—	—
7/8 oz	Clays	Rem. 209P	WAA12L	16.8 gr/ 6,800 PSI	18.1 gr/ 7,500 PSI	19.1 gr/ 8,600 PSI	20.5 gr/ 10,700 PSI
7/8 oz	Clays	Win. 209	Fed. 12S0	17.1 gr/ 7,400 PSI	18.0 gr/ 8,000 PSI	20.0 gr/ 10,700 PSI	—
7/8 oz	Clays	Win. 209	Rem.TGT12	15.8 gr/ 7,100 PSI	17.4 gr/ 8,000 PSI	18.4 gr/ 9,000 PSI	19.4 gr/ 11,300 PSI
7/8 oz	Clays	Win. 209	WAA12SL	16.9 gr/ 7,100 LUP	18.1 gr/ 7,400 LUP	19.7 gr/ 8,400 LUP	—
7/8 oz	Clays	Win. 209	WAA12L	—	18.3 gr/ 8,300 PSI	19.2 gr/ 9,400 PSI	20.5 gr/10,000 PSI
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Internat'l	CCI 209M	Rem.TGT12	19.0 gr/ 7,400 PSI	20.0 gr/ 8,900 PSI	20.8 gr/ 8,900 PSI	22.0 gr/ 10,400 PSI
7/8 oz	Internat'l	CCI 209M	WAA12L	18.8 gr/ 7,600 PSI	20.0 gr/ 8,000 PSI	21.0 gr/ 9,500 PSI	22.4 gr/ 10,500 PSI
7/8 oz	Internat'l	CCI 209M	Fed. 12S0	19.0 gr/ 8,200 PSI	20.0 gr/ 9,100 PSI	21.0 gr/ 10,200 PSI	22.0 gr/ 11,000 PSI
7/8 oz	Internat'l	Ched. 209	WAA12L	20.0 gr/ 7,000 PSI	21.2 gr/ 7,500 PSI	22.0 gr/ 8,400 PSI	22.8 gr/ 9,300 PSI
7/8 oz	Internat'l	Fed. 209A	Rem.TGT12	18.6 gr/ 8,300 PSI	19.7 gr/ 9,000 PSI	20.6 gr/ 10,000 PSI	22.0 gr/ 10,800 PSI
7/8 oz	Internat'l	Fed. 209A	WAA12SL	20.0 gr/ 7,800 PSI	21.0 gr/ 8,600 PSI	22.0 gr/ 9,500 PSI	—
7/8 oz	Internat'l	Rem. 209P	Rem.TGT12	20.5 gr/ 6,800 PSI	21.5 gr/ 7,300 PSI	22.5 gr/ 8,300 PSI	23.0 gr/ 9,300 PSI
7/8 oz	Internat'l	Rem. 209P	WAA12L	20.0 gr/ 7,500 PSI	20.8 gr/ 8,300 PSI	22.2 gr/ 8,900 PSI	22.7 gr/ 10,200 PSI

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Internat'l	Win. 209	Fed. 12S0	19.5 gr/ 8,100 PSI	20.9 gr/ 8,500 PSI	21.9 gr/ 9,500 PSI	—
7/8 oz	Internat'l	Win. 209	Rem.TGT12	19.2 gr/ 7,100 PSI	20.2 gr/ 7,800 PSI	21.2 gr/ 8,700 PSI	22.5 gr/ 9,300 PSI
7/8 oz	Internat'l	Win. 209	WAA12SL	20.5 gr/ 7,900 PSI	21.0 gr/ 8,600 PSI	21.5 gr/ 9,100 PSI	22.5 gr/10,200 PSI
				1150 fps	1200 fps	1250 fps	1325 fps
24 gm	700-X	Fed. 209A	Fed. 12S0	15.0 gr/ 6,400 PSI	16.0 gr/ 7,100 PSI	17.0 gr/ 7,900 PSI	18.5 gr/ 9,000 PSI
24 gm	700-X	Fed. 209A	Rem. TGT12	14.5 gr/ 6,000 PSI	16.0 gr/ 7,000 PSI	17.0 gr/ 7,800 PSI	18.5 gr/ 8,600 PSI
24 gm	700-X	Fed. 209A	WAA12SL	14.5 gr/ 6,400 PSI	15.5 gr/ 7,000 PSI	17.0 gr/ 8,100 PSI	18.5 gr/ 9,100 PSI
24 gm	700-X	Rem. 209P	Fed. 12S0	15.0 gr/ 5,000 PSI	16.5 gr/ 5,600 PSI	18.0 gr/ 6,300 PSI	19.5 gr/ 7,600 PSI
24 gm	700-X	Rem. 209P	Rem. TGT12	15.5 gr/ 5,000 PSI	16.5 gr/ 5,500 PSI	18.0 gr/ 6,100 PSI	20.5 gr/ 6,800 PSI
24 gm	700-X	Rem. 209P	WAA12SL	15.0 gr/ 5,300 PSI	16.5 gr/ 6,000 PSI	18.0 gr/ 6,800 PSI	19.5 gr/ 7,600 PSI
24 gm	700-X	Win. 209	Fed. 12S0	14.5 gr/ 6,600 PSI	15.5 gr/ 7,300 PSI	17.0 gr/ 8,300 PSI	18.5 gr/ 9,300 PSI
24 gm	700-X	Win. 209	Rem. TGT12	14.5 gr/ 6,000 PSI	16.0 gr/ 6,900 PSI	17.0 gr/ 7,600 PSI	18.5 gr/ 8,700 PSI
24 gm	700-X	Win. 209	WAA12SL	14.5 gr/ 6,300 PSI	15.5 gr/ 7,100 PSI	17.0 gr/ 8,200 PSI	18.5 gr/ 9,100 PSI
24 gm	PB	Fed. 209A	Fed. 12S0	18.5 gr/ 5,500 PSI	19.5 gr/ 6,000 PSI	21.0 gr/ 6,600 PSI	23.0 gr/ 7,900 PSI
24 gm	PB	Fed. 209A	Rem. FIG. 8	18.0 gr/ 5,200 PSI	19.5 gr/ 5,800 PSI	21.0 gr/ 6,500 PSI	23.0 gr/ 7,200 PSI
24 gm	PB	Fed. 209A	WAA12SL	18.0 gr/ 5,800 PSI	19.0 gr/ 6,200 PSI	20.5 gr/ 6,900 PSI	22.5 gr/ 7,800 PSI
24 gm	PB	Rem. 209P	Fed. 12S0	19.5 gr/ 4,900 PSI	20.5 gr/ 5,400 PSI	22.0 gr/ 6,100 PSI	24.0 gr/ 6,800 PSI
24 gm	PB	Rem. 209P	Rem. FIG. 8	19.5 gr/ 4,500 PSI	20.5 gr/ 5,000 PSI	22.0 gr/ 5,800 PSI	23.5 gr/ 6,700 PSI
24 gm	PB	Rem. 209P	WAA12SL	18.5 gr/ 4,800 PSI	20.0 gr/ 5,400 PSI	21.5 gr/ 6,100 PSI	23.5 gr/ 7,200 PSI
24 gm	PB	Win. 209	Fed. 12S0	19.0 gr/ 5,200 PSI	20.0 gr/ 5,800 PSI	21.5 gr/ 6,600 PSI	23.0 gr/ 7,500 PSI
24 gm	PB	Win. 209	Rem. FIG. 8	19.0 gr/ 4,900 PSI	20.5 gr/ 5,400 PSI	22.0 gr/ 6,100 PSI	23.5 gr/ 6,800 PSI
24 gm	PB	Win. 209	WAA12SL	18.0 gr/ 5,500 PSI	19.5 gr/ 6,000 PSI	21.0 gr/ 6,500 PSI	22.5 gr/ 7,500 PSI
24 gm	SR 7625	Fed. 209A	Fed. 12S0	22.0 gr/ 4,400 PSI	23.0 gr/ 4,800 PSI	24.5 gr/ 5,400 PSI	26.0 gr/ 6,400 PSI
24 gm	SR 7625	Fed. 209A	Rem. FIG. 8	22.0 gr/ 4,200 PSI	23.0 gr/ 4,700 PSI	24.5 gr/ 5,300 PSI	26.5 gr/ 6,200 PSI
24 gm	SR 7625	Fed. 209A	WAA12SL	21.0 gr/ 4,600 PSI	22.5 gr/ 5,000 PSI	24.0 gr/ 5,400 PSI	26.0 gr/ 6,400 PSI
24 gm	SR 7625	Rem. 209P	Fed. 12S0	22.5 gr/ 4,000 PSI	24.0 gr/ 4,400 PSI	25.5 gr/ 5,200 PSI	27.0 gr/ 6,000 PSI
24 gm	SR 7625	Rem. 209P	Rem. FIG. 8	23.0 gr/ 3,700 PSI	24.0 gr/ 4,200 PSI	25.5 gr/ 4,800 PSI	27.5 gr/ 5,700 PSI
24 gm	SR 7625	Rem. 209P	WAA12SL	22.5 gr/ 3,700 PSI	24.0 gr/ 4,400 PSI	25.0 gr/ 4,800 PSI	27.0 gr/ 5,500 PSI
24 gm	SR 7625	Win. 209	Fed. 12S0	22.0 gr/ 4,100 PSI	23.5 gr/ 4,700 PSI	25.0 gr/ 5,300 PSI	27.0 gr/ 6,200 PSI
24 gm	SR 7625	Win. 209	Rem. FIG. 8	22.0 gr/ 4,300 PSI	23.0 gr/ 4,600 PSI	24.5 gr/ 5,100 PSI	26.5 gr/ 5,900 PSI
24 gm	SR 7625	Win. 209	WAA12SL	22.5 gr/ 4,200 PSI	23.5 gr/ 4,700 PSI	25.0 gr/ 5,300 PSI	27.0 gr/ 6,000 PSI
				1050 fps	1100 fps	1150 fps	
7/8 oz	WAALite	Ched. 209	Fed. 12S0	12.8 gr/ 5,900 PSI	13.6 gr/ 6,800 PSI	14.3 gr/ 7,600 PSI	
7/8 oz	WAALite	Ched. 209	WAA12SL	12.5 gr/ 5,500 PSI	13.4 gr/ 6,600 PSI	14.2 gr/ 7,500 PSI	
7/8 oz	WAALite	Fed. 209A	Fed. 12S0	12.8 gr/ 6,000 PSI	13.6 gr/ 6,900 PSI	14.5 gr/ 7,800 PSI	
7/8 oz	WAALite	Fed. 209A	WAA12SL	12.6 gr/ 5,400 PSI	13.4 gr/ 6,500 PSI	14.2 gr/ 7,600 PSI	
7/8 oz	WAALite	Rem. 209P	Fed. 12S0	12.7 gr/ 5,900 PSI	13.4 gr/ 6,800 PSI	14.3 gr/ 8,000 PSI	
7/8 oz	WAALite	Rem. 209P	WAA12SL	12.6 gr/ 5,400 PSI	13.4 gr/ 6,500 PSI	14.1 gr/ 7,400 PSI	
7/8 oz	WAALite	Win. 209	Fed. 12S0	13.1 gr/ 5,100 PSI	14.0 gr/ 6,300 PSI	14.9 gr/ 7,500 PSI	
7/8 oz	WAALite	Win. 209	WAA12SL	12.8 gr/ 5,500 PSI	13.6 gr/ 6,500 PSI	14.5 gr/ 7,700 PSI	
					1325 fps	1355 fps	1400 fps
7/8 oz	WST	CCI 209	WAA12L	–	–	23.5 gr/ 7,200 PSI	–
7/8 oz	WST	Fed. 209A	WAA12L	–	–	23.5 gr/ 7,400 PSI	–

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1325 fps	1355 fps	1400 fps	
7/8 oz	WST*	Win. 209	WAA12L	–	22.0 gr / 7,900 PSI	–	23.5 gr / 8,200 PSI
				980 fps	1035 fps	1090 fps	1145 fps
**26 gm	WAALite	Win. 209	WAA12SL	12.0 gr / 5,600 PSI	13.0 gr / 6,800 PSI	13.8 gr / 7,600 PSI	14.8 gr / 8,800 PSI
				1125 fps	1180 fps	1235 fps	1290 fps
1 oz	Titewad	Fed. 209A	Rem.TGT12	15.7 gr / 7,600 PSI	17.3 gr / 8,800 PSI	18.1 gr / 10,000 PSI	19.4 gr / 11,200 PSI
1 oz	Titewad	Fed. 209A	WAA12SL	16.4 gr / 7,300 PSI	17.4 gr / 7,700 PSI	18.4 gr / 9,600 PSI	20.1 gr / 10,600 PSI
1 oz	Titewad	Fio. 616	Windjammer	—	16.6 gr / 8,300 PSI	18.2 gr / 9,600 PSI	19.5 gr / 10,700 PSI
1 oz	Titewad	Rem. 209P	Fed. 12S0	15.7 gr / 8,700 PSI	16.5 gr / 10,000 PSI	18.0 gr / 11,200 PSI	—
1 oz	Titewad	Rem. 209P	Rem. TGT 12	15.9 gr / 6,900 PSI	16.8 gr / 7,800 PSI	18.4 gr / 8,900 PSI	20.2 gr / 10,600 PSI
1 oz	Titewad	Rem. 209P	WAA12SL	15.5 gr / 7,300 PSI	17.1 gr / 8,000 PSI	18.5 gr / 9,600 PSI	19.5 gr / 11,200 PSI
1 oz	Titewad	Rem. 209P	Windjammer	—	17.3 gr / 7,900 PSI	18.3 gr / 9,400 PSI	19.5 gr / 9,900 PSI
1 oz	Titewad	Win. 209	Fed. 12S0	15.6 gr / 9,000 PSI	16.8 gr / 10,300 PSI	—	—
1 oz	Titewad	Win. 209	Rem.TGT12	15.2 gr / 8,200 PSI	16.4 gr / 9,200 PSI	17.7 gr / 10,200 PSI	19.0 gr / 11,300 PSI
1 oz	Titewad	Win. 209	WAA12SL	15.5gr / 7,300 PSI	17.1 gr / 8,000 PSI	18.5 gr / 9,600 PSI	19.5 gr / 11,200 PSI
1 oz	Clays	CCI 209	Fed. 12S0	15.8 gr / 9,000 PSI	17.0 gr / 10,500 PSI	—	—
1 oz	Clays	CCI 209	Rem. TGT 12	16.6 gr / 6,700 LUP	17.7 gr / 7,700 LUP	18.7 gr / 8,500 LUP	19.8 gr / 9,500 LUP
1 oz	Clays	CCI 209	WAA12SL	15.7 gr / 7,900 PSI	17.0 gr / 8,700 PSI	18.4 gr / 10,900 PSI	—
1 oz	Clays	CCI 209	Windjammer	16.3 gr / 6,500 PSI	17.5 gr / 7,600 PSI	18.8 gr / 9,000 PSI	20.3 gr / 10,700 PSI
1 oz	Clays	Fed. 209A	Rem.TGT12	15.2 gr / 7,800 PSI	16.7 gr / 9,500 PSI	18.2 gr / 11,000 PSI	—
1 oz	Clays	Fed. 209A	WAA12SL	15.4 gr / 8,500 PSI	16.9 gr / 9,000 PSI	18.4 gr / 10,900 PSI	—
1 oz	Clays	Fed. 209A	Windjammer	15.1 gr / 7,900 PSI	16.8 gr / 9,200 PSI	18.2 gr / 11,200 PSI	—
1 oz	Clays	Rem. 209P	Fed. 12S0	16.0 gr / 8,200 PSI	17.4 gr / 9,400 PSI	18.7 gr / 11,400 PSI	—
1 oz	Clays	Rem. 209P	Rem.TGT12	16.1 gr / 7,500 PSI	17.3 gr / 8,400 PSI	18.5 gr / 9,900 PSI	—
1 oz	Clays	Rem. 209P	WAA12SL	16.2 gr / 6,500 PSI	17.4 gr / 8,000 PSI	18.6 gr / 9,200 PSI	20.4 gr / 10,600 PSI
1 oz	Clays	Win. 209	Rem.TGT12	15.8 gr / 7,700 PSI	16.8 gr / 8,500 PSI	18.2 gr / 10,300 PSI	—
1 oz.	Clays	Win. 209	WAA12SL	16.0 gr / 7,400 LUP	17.2 gr / 8,300 LUP	18.5 gr / 9,200 LUP	19.8 gr / 10,200 LUP
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Internat'l	CCI 209	Rem.TGT12	18.0 gr / 7,400 PSI	19.2 gr / 8,700 PSI	20.2 gr / 10,000 PSI	—
1 oz	Internat'l	CCI 209	WAA12SL	19.2 gr / 6,700 LUP	20.6 gr / 7,500 LUP	22.3 gr / 8,800 LUP	—
1 oz	Internat'l	Fed. 209A	Rem.TGT12	17.8 gr / 9,000 PSI	18.8 gr / 9,700 PSI	20.0 gr / 10,500 PSI	—
1 oz	Internat'l	Fed. 209A	WAA12SL	18.0 gr / 8,700 PSI	19.0 gr / 10,400 PSI	20.0 gr / 11,300 PSI	—
1 oz	Internat'l	Rem. 209P	Fed. 12S0	18.8 gr / 9,100 PSI	20.0 gr / 9,900 PSI	—	—
1 oz	Internat'l	Rem. 209P	Rem. TGT 12	20.8 gr / 5,900 LUP	21.5 gr / 7,100 LUP	22.3 gr / 7,800 LUP	—
1 oz	Internat'l	Rem. 209P	WAA12SL	19.0 gr / 7,700 PSI	20.0 gr / 9,200 PSI	21.2 gr / 9,700 PSI	22.5 gr / 11,100 PSI
1 oz	Internat'l	Win. 209	Fed. 12S0	18.4 gr / 8,700 PSI	19.6 gr / 10,500 PSI	20.7 gr / 11,100 PSI	—
1 oz	Internat'l	Win. 209	Rem.TGT12	18.4 gr / 7,700 PSI	19.6 gr / 8,600 PSI	20.7 gr / 9,600 PSI	22.2 gr / 11,000 PSI
1 oz.	Internat'l	Win. 209	WAA12SL	18.9 gr / 6,900 LUP	20.4 gr / 8,300 LUP	21.3 gr / 8,900 LUP	—
1 oz	Titegroup	Rem. 209P	Rem. TGT 12	16.0 gr / 7,700 PSI	17.3 gr / 9,000 PSI	18.6 gr / 10,200 PSI	20.0 gr / 11,200 PSI
1 oz	Titegroup	Rem. 209P	WAA12SL	16.2 gr / 7,800 PSI	17.4 gr / 9,100 PSI	18.6 gr / 10,400 PSI	20.0 gr / 11,500 PSI
1 oz	Titegroup	Win. 209	Rem. TGT 12	15.7 gr / 7,900 PSI	17.1 gr / 9,100 PSI	18.5 gr / 10,200 PSI	19.9 gr / 11,400 PSI
1 oz	Titegroup	Win. 209	WAA12SL	16.5 gr / 7,500 PSI	17.7 gr / 8,800 PSI	18.9 gr / 10,100 PSI	20.1 gr / 11,400 PSI
				1100 fps	1150 fps	1200 fps	1250 fps
1 oz	700-X	Fed. 209A	Fed. 12S3	14.5 gr / 7,900 PSI	15.5 gr / 8,700 PSI	17.0 gr / 9,900 PSI	18.0 gr / 10,700 PSI
1 oz	700-X	Fed. 209A	Rem. TGT12	15.0 gr / 6,900 PSI	16.0 gr / 7,500 PSI	17.0 gr / 8,200 PSI	18.5 gr / 9,400 PSI

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1100 fps	1150 fps	1200 fps	1250 fps
1 oz	700-X	Fed. 209A	WAA12SL	15.0 gr / 7,300 PSI	16.0 gr / 8,000 PSI	17.0 gr / 8,700 PSI	18.5 gr / 9,700 PSI
1 oz	700-X	Rem. 209P	Fed. 12S3	15.0 gr / 7,100 PSI	16.5 gr / 7,900 PSI	17.5 gr / 8,600 PSI	18.5 gr / 9,300 PSI
1 oz	700-X	Rem. 209P	Rem. TGT12	15.5 gr / 5,800 PSI	16.5 gr / 6,200 PSI	18.0 gr / 7,100 PSI	19.0 gr / 7,700 PSI
1 oz	700-X	Rem. 209P	WAA12SL	15.0 gr / 6,400 PSI	16.5 gr / 7,000 PSI	18.0 gr / 7,600 PSI	19.0 gr / 8,000 PSI
1 oz	700-X	Win. 209	Fed. 12S3	14.5 gr / 8,200 PSI	15.5 gr / 8,800 PSI	17.0 gr / 9,700 PSI	18.0 gr / 10,500 PSI
1 oz	700-X	Win. 209	Rem. TGT12	14.5 gr / 6,700 PSI	15.5 gr / 7,400 PSI	16.5 gr / 8,200 PSI	18.0 gr / 9,400 PSI
1 oz	700-X	Win. 209	WAA12SL	14.5 gr / 7,500 PSI	15.5 gr / 8,200 PSI	16.5 gr / 9,000 PSI	18.0 gr / 10,100 PSI
1 oz	PB	Fed. 209A	Fed. 12S3	18.0 gr / 6,100 PSI	19.5 gr / 7,200 PSI	20.5 gr / 7,900 PSI	22.0 gr / 8,900 PSI
1 oz	PB	Fed. 209A	Rem. FIG. 8	18.5 gr / 5,300 PSI	20.0 gr / 6,100 PSI	21.0 gr / 6,600 PSI	22.5 gr / 7,400 PSI
1 oz	PB	Fed. 209A	WAA12	18.5 gr / 6,200 PSI	19.5 gr / 6,900 PSI	21.0 gr / 7,900 PSI	22.5 gr / 8,600 PSI
1 oz	PB	Rem. 209P	Fed. 12S3	19.0 gr / 5,100 PSI	20.5 gr / 6,000 PSI	22.0 gr / 6,900 PSI	23.5 gr / 7,600 PSI
1 oz	PB	Rem. 209P	Rem. FIG. 8	19.0 gr / 4,500 PSI	21.0 gr / 5,300 PSI	22.0 gr / 5,700 PSI	23.5 gr / 6,700 PSI
1 oz	PB	Rem. 209P	WAA12	19.0 gr / 5,700 PSI	20.0 gr / 6,200 PSI	21.5 gr / 7,100 PSI	22.5 gr / 7,700 PSI
1 oz	PB	Win. 209	Fed. 12S3	19.0 gr / 5,900 PSI	20.5 gr / 6,800 PSI	21.5 gr / 7,400 PSI	23.0 gr / 8,100 PSI
1 oz	PB	Win. 209	Rem. FIG. 8	19.0 gr / 5,400 PSI	20.0 gr / 5,800 PSI	21.5 gr / 6,500 PSI	23.0 gr / 7,200 PSI
1 oz	PB	Win. 209	Rem. TGT12	18.0 gr / 4,800 PSI	19.5 gr / 5,600 PSI	21.5 gr / 6,700 PSI	23.0 gr / 7,500 PSI
1 oz	PB	Win. 209	WAA12	18.5 gr / 5,900 PSI	20.0 gr / 6,500 PSI	21.5 gr / 7,100 PSI	23.0 gr / 7,900 PSI
1 oz	SR 7625	Fed. 209A	Fed. 12S3	20.5 gr / 5,400 PSI	21.5 gr / 5,900 PSI	23.0 gr / 6,600 PSI	24.5 gr / 7,300 PSI
1 oz	SR 7625	Fed. 209A	Rem. RXP12	21.5 gr / 5,000 PSI	22.5 gr / 5,400 PSI	23.5 gr / 5,900 PSI	25.0 gr / 6,700 PSI
1 oz	SR 7625	Fed. 209A	WAA12	20.0 gr / 6,000 PSI	21.5 gr / 6,300 PSI	23.5 gr / 6,900 PSI	25.0 gr / 7,400 PSI
1 oz	SR 7625	Rem. 209P	Fed. 12S3	22.0 gr / 4,500 PSI	23.5 gr / 5,300 PSI	24.5 gr / 6,000 PSI	25.5 gr / 6,900 PSI
1 oz	SR 7625	Rem. 209P	Rem. RXP12	22.5 gr / 4,200 PSI	23.5 gr / 4,700 PSI	24.5 gr / 5,200 PSI	25.5 gr / 6,000 PSI
1 oz	SR 7625	Rem. 209P	WAA12	21.5 gr / 5,000 PSI	22.5 gr / 5,700 PSI	23.5 gr / 6,200 PSI	25.0 gr / 7,100 PSI
1 oz	SR 7625	Win. 209	Fed. 12S3	22.0 gr / 5,300 PSI	23.0 gr / 5,900 PSI	24.0 gr / 6,500 PSI	25.0 gr / 7,100 PSI
1 oz	SR 7625	Win. 209	Rem. RXP12	22.0 gr / 4,600 PSI	23.5 gr / 5,000 PSI	25.0 gr / 5,700 PSI	26.0 gr / 6,200 PSI
1 oz	SR 7625	Win. 209	WAA12	21.5 gr / 4,900 PSI	23.0 gr / 5,500 PSI	24.0 gr / 5,800 PSI	25.5 gr / 6,600 PSI
				970 fps	1025 fps	1070 fps	1125 fps
1 oz	WAALite	Ched. 209	J-XL-1	11.8 gr / 5,900 PSI	12.7 gr / 6,900 PSI	13.6 gr / 8,000 PSI	14.6 gr / 9,100 PSI
1 oz	WAALite	Ched. 209	Rem. TGT12	11.8 gr / 5,700 PSI	12.8 gr / 6,700 PSI	13.7 gr / 7,700 PSI	14.8 gr / 8,800 PSI
1 oz	WAALite	Ched. 209	WAA12SL	11.6 gr / 6,100 PSI	12.7 gr / 7,200 PSI	13.6 gr / 8,100 PSI	14.7 gr / 9,300 PSI
1 oz	WAALite	Fed. 209A	J-XL-1	12.0 gr / 6,300 PSI	12.9 gr / 7,200 PSI	13.8 gr / 8,300 PSI	14.8 gr / 9,400 PSI
1 oz	WAALite	Fed. 209A	Rem. TGT12	12.0 gr / 6,300 PSI	12.8 gr / 7,100 PSI	13.7 gr / 8,000 PSI	14.8 gr / 9,100 PSI
1 oz	WAALite	Fed. 209A	WAA12SL	11.7 gr / 6,200 PSI	12.8 gr / 7,500 PSI	13.7 gr / 8,600 PSI	14.7 gr / 9,700 PSI
1 oz	WAALite	Rem. 209P	J-XL-1	11.9 gr / 5,100 PSI	12.9 gr / 6,300 PSI	13.8 gr / 7,400 PSI	14.8 gr / 8,100 PSI
1 oz	WAALite	Rem. 209P	Rem. TGT12	11.8 gr / 5,300 PSI	12.8 gr / 6,500 PSI	13.7 gr / 7,500 PSI	14.7 gr / 8,600 PSI
1 oz	WAALite	Rem. 209P	WAA12SL	11.8 gr / 5,600 PSI	12.8 gr / 6,800 PSI	13.7 gr / 7,800 PSI	14.8 gr / 9,000 PSI
1 oz	WAALite	Win. 209	J-XL-1	12.4 gr / 4,900 PSI	13.2 gr / 6,200 PSI	13.9 gr / 7,300 PSI	14.6 gr / 8,400 PSI
1 oz	WAALite	Win. 209	Rem. TGT12	12.1 gr / 5,500 PSI	13.0 gr / 6,500 PSI	13.8 gr / 7,400 PSI	14.7 gr / 8,500 PSI
				1180 fps		1235 fps	1290 fps
1 oz	WST	CCI 209	Fed. 12SO	19.0 gr / 8,300 PSI	–	20.5 gr / 9,500 PSI	21.5 gr / 10,700 PSI
1 oz	WST	CCI 209	WAA12L	–	–	21.0 gr / 8,400 PSI	22.5 gr / 10,200 PSI
1 oz	WST	CCI 209	WAA12SL	–	–	21.5 gr / 7,900 PSI	22.5 gr / 9,400 PSI
1 oz	WST	Fed. 209A	WAA12SL	19.0 gr / 7,900 PSI	–	20.0 gr / 8,900 PSI	21.0 gr / 9,800 PSI
1 oz	WST	Win. 209	Fed. 12SO	19.0 gr / 8,000 PSI	–	20.5 gr / 9,500 PSI	22.0 gr / 10,900 PSI

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	WST	Win. 209	WAA12L	19.5 gr/ 8,500 PSI	21.0 gr/ 9,600 PSI	22.5 gr/ 11,100 PSI	–
1 oz	WST**	Win. 209	WAA12SL	19.5 gr/ 7,400 PSI	21.0 gr/ 8,100 PSI	22.0 gr/ 9,000 PSI	–
1 oz	Super Hcp	Ched. 209	J-XL-1	18.9 gr/ 7,300 PSI	19.8 gr/ 8,400 PSI	20.8 gr/ 9,600 PSI	21.7 gr/10,700 PSI
1 oz	Super Hcp	Ched. 209	Rem. TGT12	18.6 gr/ 7,400 PSI	19.9 gr/ 8,600 PSI	21.2 gr/ 9,800 PSI	22.4 gr/10,900 PSI
1 oz	Super Hcp	Ched. 209	WAA12SL	18.6 gr/ 7,400 PSI	19.8 gr/ 8,600 PSI	21.0 gr/ 9,900 PSI	22.2 gr/11,200 PSI
1 oz	Super Hcp	Fed. 209A	J-XL-1	18.1 gr/ 7,800 PSI	19.5 gr/ 8,900 PSI	20.8 gr/ 9,900 PSI	22.1 gr/10,900 PSI
1 oz	Super Hcp	Fed. 209A	Rem. TGT12	18.2 gr/ 7,900 PSI	19.5 gr/ 9,100 PSI	20.7 gr/ 10,200 PSI	22.0 gr/11,200 PSI
1 oz	Super Hcp	Fed. 209A	WAA12SL	18.3 gr/ 8,000 PSI	19.5 gr/ 9,100 PSI	20.8 gr/ 10,300 PSI	22.0 gr/11,300 PSI
1 oz	Super Hcp	Rem. 209P	J-XL-1	19.0 gr/ 7,200 PSI	20.0 gr/ 8,300 PSI	21.0 gr/ 9,400 PSI	22.1 gr/10,700 PSI
1 oz	Super Hcp	Rem. 209P	Rem. TGT12	19.0 gr/ 7,300 PSI	20.2 gr/ 8,500 PSI	21.3 gr/ 9,600 PSI	22.4 gr/10,700 PSI
1 oz	Super Hcp	Rem. 209P	WAA12SL	18.6 gr/ 7,300 PSI	19.8 gr/ 8,600 PSI	20.9 gr/ 9,800 PSI	22.0 gr/10,600 PSI
1 oz	Super Hcp	Win. 209	J-XL-1	19.3 gr/ 7,000 PSI	20.3 gr/ 8,100 PSI	21.2 gr/ 9,000 PSI	22.1 gr/10,100 PSI
1 oz	Super Hcp	Win. 209	Rem. TGT12	18.2 gr/ 7,100 PSI	19.6 gr/ 8,500 PSI	20.9 gr/ 9,900 PSI	22.2 gr/11,200 PSI
1 oz	Super Hcp	Win. 209	WAA12SL	18.5 gr/ 7,400 PSI	19.7 gr/ 8,600 PSI	20.8 gr/ 9,800 PSI	22.0 gr/11,000 PSI
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	15.7 gr/ 9,500 PSI	16.6 gr/ 10,700 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	WAA12	15.3 gr/ 9,900 PSI	16.4 gr/ 10,900 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	Windjammer	15.9 gr/ 8,700 PSI	16.8 gr/ 10,100 PSI	—	—
1 1/8 oz	Titewad	CCI 209	Rem. Fig. 8	15.3 gr/ 10,300 PSI	16.5 gr/ 11,200 PSI	—	—
1 1/8 oz	Titewad	CCI 209	WAA12	15.3 gr/ 10,300 PSI	16.0 gr/ 10,900 PSI	—	—
1 1/8 oz	Titewad	CCI 209	Windjammer	15.3 gr/ 8,600 PSI	16.6 gr/ 9,400 PSI	17.8 gr/ 10,900 PSI	—
1 1/8 oz	Titewad	Fed. 209A	Fed.12S3	15.5 gr/ 9,900 PSI	16.8 gr/ 10,800 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Hor. Vers.	15.3 gr/ 10,600 PSI	16.3 gr/ 11,400 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Rem. Fig. 8	15.6 gr/ 10,000 PSI	16.6 gr/ 10,600 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	WAA12	15.4 gr/ 9,700 PSI	16.4 gr/ 10,800 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Windjammer	15.4 gr/ 9,400 PSI	16.0 gr/ 10,600 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Rem. Fig. 8	15.7 gr/ 8,500 PSI	16.8 gr/ 9,300 PSI	18.3 gr/ 10,400 PSI	—
1 1/8 oz	Titewad	Rem. 209P	WAA12	15.5 gr/ 10,100 PSI	16.4 gr/ 11,200 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Windjammer	15.5 gr/ 9,100 PSI	16.2 gr/ 10,000 PSI	17.0 gr/ 11,100 PSI	—
1 1/8 oz	Titewad	Win. 209	Rem. Fig. 8	15.2 gr/ 9,000 PSI	16.2 gr/ 9,700 PSI	17.5 gr/ 11,100 PSI	—
1 1/8 oz	Titewad	Win. 209	WAA12	15.2 gr/ 9,500 PSI	16.5 gr/ 10,400 PSI	17.8 gr/ 11,100 PSI	—
1 1/8 oz	Titewad	Win. 209	Windjammer	15.3 gr/ 8,300 PSI	16.3 gr/ 9,600 PSI	17.8 gr/ 10,500 PSI	—
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.4 gr/ 8,800 PSI	17.5 gr/ 10,200 PSI	—	—
1 1/8 oz	Clays	Ched. 209	WAA12	15.8 gr/ 9,400 PSI	17.2 gr/ 10,700 PSI	—	—
1 1/8 oz	Clays	Ched. 209	Windjammer	15.7 gr/ 7,900 PSI	17.4 gr/ 9,500 PSI	19.0 gr/ 11,100 PSI	—
1 1/8 oz	Clays	CCI 209	Rem. Fig. 8	16.0 gr/ 8,700 PSI	16.8 gr/ 9,600 PSI	—	—
1 1/8 oz	Clays	CCI 209	WAA12	16.0 gr/ 8,900 PSI	17.0 gr/ 9,800 PSI	18.1 gr/ 11,300 PSI	—
1 1/8 oz	Clays	CCI 209	Windjammer	16.0 gr/ 8,200 PSI	16.8 gr/ 8,600 PSI	18.5 gr/ 11,100 PSI	—
1 1/8 oz	Clays	Fed. 209A	Rem. Fig. 8	15.8 gr/ 10,700 PSI	16.6 gr/ 11,100 PSI	—	—
1 1/8 oz	Clays	Fed. 209A	Windjammer	16.0 gr/ 9,100 PSI	16.7 gr/ 10,300 PSI	18.0 gr/ 11,400 PSI	—
1 1/8 oz	Clays	Fed. 209A	WAA12	15.0 gr/ 9,700 PSI	16.0 gr/ 10,800 PSI	—	—
1 1/8 oz	Clays	Fio. 616	WAA12	15.5 gr/ 9,400 PSI	16.0 gr/ 10,900 PSI	—	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig. 8	16.3 gr/ 9,000 PSI	17.3 gr/ 10,100 PSI	18.5 gr/ 11,500 PSI	—
1 1/8 oz	Clays	Rem. 209P	WAA12	15.9 gr/ 8,900 PSI	17.0 gr/ 9,400 PSI	—	—

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Clays	Rem. 209P	Windjammer	16.5 gr/ 8,100 PSI	17.5 gr/ 9,400 PSI	18.5 gr/ 10,400 PSI	—
1 1/8 oz	Clays	Win. 209	Hor. Versalite	16.4 gr/ 8,300 LUP	17.6 gr/ 9,400 LUP	18.8 gr/ 10,600 LUP	—
1 1/8 oz	Clays	Win. 209	Rem. Fig. 8	16.0 gr/ 7,700 LUP	17.0 gr/ 8,500 LUP	18.1 gr/ 9,400 LUP	—
1 1/8 oz	Clays	Win. 209	WAA12	16.1 gr/ 7,700 LUP	17.3 gr/ 8,800 LUP	18.2 gr/ 9,800 LUP	—
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	17.4 gr/ 7,900 PSI	18.5 gr/ 9,200 PSI	19.7 gr/ 10,500 PSI	—
1 1/8 oz	Internat'l	Ched. 209	WAA12	16.9 gr/ 8,100 PSI	18.1 gr/ 9,600 PSI	19.3 gr/ 11,100 PSI	—
1 1/8 oz	Internat'l	Ched. 209	Windjammer	17.9 gr/ 8,000 PSI	18.9 gr/ 9,200 PSI	19.8 gr/ 10,300 PSI	20.8 gr/ 11,500 PSI
1 1/8 oz	Internat'l	CCI 209	Fed. 12S3	—	19.2 gr/ 7,900 LUP	20.0 gr/ 8,300 LUP	21.6 gr/10,200 LUP
1 1/8 oz	Internat'l	CCI 209	Hor. Vers.	16.7 gr/ 8,600 PSI	17.2 gr/ 9,600 PSI	18.2 gr/ 11,300 PSI	—
1 1/8 oz	Internat'l	CCI 209	Rem. Fig. 8	17.0 gr/ 9,300 PSI	17.8 gr/ 10,100 PSI	18.5 gr/ 11,200 PSI	—
1 1/8 oz	Internat'l	CCI 209	WAA12	17.0 gr/ 9,700 PSI	17.4 gr/ 10,500 PSI	18.2 gr/ 11,400 PSI	—
1 1/8 oz	Internat'l	CCI 209	Windjammer	17.0 gr/ 8,300 PSI	17.7 gr/ 8,800 PSI	19.5 gr/ 9,800 PSI	20.5 gr/ 11,500 PSI
1 1/8 oz	Internat'l	Fed. 209A	Rem. Fig. 8	16.5 gr/ 9,700 PSI	17.0 gr/ 10,100 PSI	18.0 gr/ 10,900 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	WAA12	16.0 gr/ 9,500 PSI	16.8 gr/ 10,300 PSI	17.5 gr/ 10,900 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	Windjammer	17.4 gr/ 6,900 PSI	18.0 gr/ 7,700 PSI	19.5 gr/ 9,500 PSI	21.3 gr/11,200 PSI
1 1/8 oz	Internat'l	Fio. 616	Rem. Fig. 8	16.3 gr/ 8,600 PSI	17.6 gr/ 9,500 PSI	18.3 gr/ 10,200 PSI	—
1 1/8 oz	Internat'l	Fio. 616	WAA12	16.3 gr/ 9,600 PSI	17.0 gr/ 11,000 PSI	—	—
1 1/8 oz	Internat'l	Rem. 209P	Hor. Vers.	16.8 gr/ 9,000 PSI	17.8 gr/ 10,000 PSI	19.0 gr/ 11,300 PSI	—
1 1/8 oz	Internat'l	Rem. 209P	Rem. Fig. 8	—	20.1 gr/ 6,300 LUP	21.1 gr/ 7,700 LUP	22.1 gr/ 8,000 LUP
1 1/8 oz	Internat'l	Rem. 209P	WAA12	16.5 gr/ 8,900 PSI	17.8 gr/ 9,500 PSI	18.7 gr/ 11,100 PSI	—
1 1/8 oz	Internat'l	Rem. 209P	Windjammer	17.2 gr/ 8,100 PSI	18.3 gr/ 8,300 PSI	19.2 gr/ 9,000 PSI	20.8 gr/ 10,800 PSI
1 1/8 oz	Internat'l	Win. 209	Hor. Versalite	17.4 gr/ 7,900 LUP	18.1 gr/ 8,600 LUP	19.2 gr/ 9,800 LUP	—
1 1/8 oz	Internat'l	Win. 209	Rem. Fig. 8	17.3 gr/ 8,100 PSI	18.3 gr/ 9,500 PSI	—	—
1 1/8 oz	Internat'l	Win. 209	WAA12	17.6 gr/ 7,400 LUP	18.1 gr/ 8,300 LUP	19.2 gr/ 9,600 LUP	21.3 gr/10,800 LUP
1 1/8 oz	Internat'l	Win. 209	Windjammer	17.3 gr/ 7,900 PSI	18.0 gr/ 8,600 PSI	19.5 gr/ 9,800 PSI	20.8 gr/ 10,300 PSI
1 1/8 oz	Titegroup	Rem. 209P	Rem. Fig. 8	14.7 gr/ 8,500 PSI	15.9 gr/ 9,700 PSI	17.0 gr/ 10,700 PSI	—
1 1/8 oz	Titegroup	Rem. 209P	WAA12	14.6 gr/ 8,400 PSI	15.6 gr/ 9,600 PSI	16.5 gr/ 10,600 PSI	—
1 1/8 oz	Titegroup	Win. 209	Rem. Fig. 8	14.9 gr/ 8,200 PSI	15.9 gr/ 9,200 PSI	16.9 gr/ 10,200 PSI	—
1 1/8 oz	Titegroup	Win. 209	WAA12	14.9 gr/ 7,900 PSI	15.9 gr/ 9,000 PSI	17.4 gr/ 10,400 PSI	18.4 gr/ 11,400 PSI
				1200 fps	1255 fps	1310 fps	
1 1/8 oz	Universal	CCI 209	Windjammer	23.3 gr/ 8,000 PSI	24.3 gr/ 9,300 PSI	—	
1 1/8 oz	Universal	CCI 209M	Hor. Versalite	22.0 gr/ 9,900 PSI	23.0 gr/ 10,700 PSI	—	
1 1/8 oz	Universal	Fed. 209A	WAA12	21.5 gr/ 9,600 PSI	22.8 gr/ 10,700 PSI	23.6 gr/ 11,300 PSI	
1 1/8 oz	Universal	Win. 209	Rem. Fig. 8	22.5 gr/ 9,000 PSI	23.5 gr/ 10,000 PSI	24.5 gr/ 10,700 PSI	
1 1/8 oz	Universal	Win. 209	WAA12	22.0 gr/ 10,000 PSI	22.7 gr/ 10,600 PSI	—	
				1420 fps	1475 fps	1530 fps	1585 fps
1 1/8 oz	Longshot	CCI 209M	Fed. 12S3	30.9 gr/ 10,200 PSI	32.4 gr/ 11,300 PSI	—	—
1 1/8 oz	Longshot	CCI 209M	Rem. R12H	31.5 gr/ 9,200 PSI	32.9 gr/ 10,200 PSI	34.2 gr/ 11,200 PSI	—
1 1/8 oz	Longshot	CCI 209M	WAA12	30.9 gr/ 10,000 PSI	32.5 gr/ 10,900 PSI	—	—
1 1/8 oz	Longshot	CCI 209M	Windjammer	32.2 gr/ 8,700 PSI	33.7 gr/ 9,600 PSI	35.1 gr/ 10,500 PSI	—
1 1/8 oz	Longshot	Fed. 209A	Fed. 12S3	31.1 gr/ 10,300 PSI	32.2 gr/ 11,300 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	Rem. R12H	31.0 gr/ 9,800 PSI	32.6 gr/ 10,500 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	WAA12	31.0 gr/ 9,800 PSI	32.3 gr/ 10,800 PSI	—	—
1 1/8 oz	Longshot	Rem. 209P	Fed. 12S3	30.3 gr/ 10,500 PSI	31.7 gr/ 11,400 PSI	—	—

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1420 fps	1475 fps	1530 fps	1585 fps
1 1/8 oz	Longshot	Rem. 209P	Rem. R12H	31.3 gr/ 9,200 PSI	32.5 gr / 10,200 PSI	33.7 gr/ 11,300 PSI	—
1 1/8 oz	Longshot	Rem. 209P	WAA12	30.8 gr/ 9,500 PSI	32.1 gr / 10,500 PSI	—	—
1 1/8 oz	Longshot	Rem. 209P	Windjammer	31.9 gr/ 8,800 PSI	33.7 gr / 9,600 PSI	35.4 gr / 10,200 PSI	—
1 1/8 oz	Longshot	Win. 209	Fed. 12S3	32.6 gr/ 8,800 PSI	34.1 gr / 9,500 PSI	35.7 gr / 10,300 PSI	—
1 1/8 oz	Longshot	Win. 209	Hor. Vers.	32.2 gr/ 8,600 PSI	33.6 gr / 9,500 PSI	34.9 gr / 10,300 PSI	—
1 1/8 oz	Longshot	Win. 209	Rem. R12L	33.4 gr/ 8,100 PSI	34.6 gr / 9,100 PSI	35.9 gr / 10,200 PSI	37.1 gr / 11,100 PSI
1 1/8 oz	Longshot	Win. 209	WAA12	32.1 gr/ 9,200 PSI	33.2 gr / 10,100 PSI	34.4 gr / 11,100 PSI	—
				1100 fps	1150 fps	1200 fps	1250 fps
1 1/8 oz	700-X	Fed. 209A	Fed. 12S3	15.5 gr/ 9,000 PSI	16.5 gr / 9,900 PSI	18.0 gr / 11,200 PSI	—
1 1/8 oz	700-X	Fed. 209A	Rem. FIG. 8	15.5 gr/ 8,900 PSI	16.5 gr / 9,600 PSI	18.0 gr / 10,600 PSI	19.0 gr / 11,200 PSI
1 1/8 oz	700-X	Fed. 209A	WAA12	15.0 gr/ 9,100 PSI	16.0 gr / 10,000 PSI	17.5 gr / 11,300 PSI	—
1 1/8 oz	700-X	Fed. 209A	Windjammer	15.0 gr/ 8,200 PSI	16.0 gr / 9,000 PSI	17.5 gr / 10,100 PSI	19.0 gr / 11,000 PSI
1 1/8 oz	700-X	Rem. 209P	Fed. 12S3	15.5 gr/ 7,800 PSI	16.5 gr / 8,600 PSI	18.0 gr/ 9,700 PSI	19.5 gr / 10,900 PSI
1 1/8 oz	700-X	Rem. 209P	Rem. FIG. 8	16.0 gr/ 7,900 PSI	17.0 gr / 8,400 PSI	18.5 gr/ 9,500 PSI	19.5 gr / 10,200 PSI
1 1/8 oz	700-X	Rem. 209P	WAA12	15.5 gr/ 8,200 PSI	17.0 gr / 9,000 PSI	18.5 gr/ 9,800 PSI	20.0 gr / 10,800 PSI
1 1/8 oz	700-X	Rem. 209P	Windjammer	16.0 gr/ 6,800 PSI	17.5 gr / 7,600 PSI	19.0 gr/ 8,500 PSI	20.5 gr/ 9,300 PSI
1 1/8 oz	700-X	Win. 209	Fed. 12S3	15.5 gr/ 9,500 PSI	16.5 gr / 10,400 PSI	17.5 gr / 11,100 PSI	—
1 1/8 oz	700-X	Win. 209	Rem. FIG. 8	15.5 gr/ 8,300 PSI	16.5 gr / 9,000 PSI	18.0 gr / 10,200 PSI	19.5 gr / 11,400 PSI
1 1/8 oz	700-X	Win. 209	WAA12	15.5 gr/ 9,200 PSI	16.5 gr / 10,100 PSI	17.5 gr / 10,800 PSI	—
1 1/8 oz	700-X	Win. 209	Windjammer	15.5 gr/ 8,100 PSI	16.5 gr / 8,900 PSI	17.5 gr/ 9,700 PSI	19.0 gr / 11,000 PSI
1 1/8 oz	PB	Fed. 209A	Fed. 12S4	19.0 gr/ 7,600 PSI	20.5 gr / 8,300 PSI	22.0 gr/ 9,100 PSI	23.5 gr / 10,100 PSI
1 1/8 oz	PB	Fed. 209A	Rem. RXP12	19.5 gr/ 7,100 PSI	20.5 gr / 7,600 PSI	22.0 gr/ 8,400 PSI	23.5 gr/ 9,300 PSI
1 1/8 oz	PB	Fed. 209A	WAA12	19.0 gr/ 7,500 PSI	20.5 gr / 8,200 PSI	22.0 gr/ 8,900 PSI	23.5 gr/ 9,700 PSI
1 1/8 oz	PB	Fed. 209A	Windjammer	19.5 gr/ 6,400 PSI	21.0 gr / 7,000 PSI	22.5 gr/ 7,800 PSI	24.0 gr/ 8,700 PSI
1 1/8 oz	PB	Rem. 209P	Fed. 12S4	19.5 gr/ 6,900 PSI	20.5 gr / 7,700 PSI	22.0 gr/ 8,600 PSI	24.0 gr/ 9,600 PSI
1 1/8 oz	PB	Rem. 209P	Rem. RXP12	20.0 gr/ 6,400 PSI	21.0 gr / 7,000 PSI	22.5 gr/ 8,000 PSI	24.0 gr/ 8,900 PSI
1 1/8 oz	PB	Rem. 209P	WAA12	20.0 gr/ 6,500 PSI	21.0 gr / 7,100 PSI	23.0 gr/ 7,700 PSI	24.5 gr/ 8,800 PSI
1 1/8 oz	PB	Rem. 209P	Windjammer	20.0 gr/ 5,700 PSI	21.5 gr / 6,400 PSI	23.0 gr/ 7,300 PSI	24.5 gr/ 7,900 PSI
1 1/8 oz	PB	Win. 209	Fed. 12S4	19.5 gr/ 7,400 PSI	20.5 gr / 8,000 PSI	22.0 gr/ 8,900 PSI	23.5 gr/ 9,900 PSI
1 1/8 oz	PB	Win. 209	Rem. RXP12	20.0 gr/ 6,900 PSI	21.0 gr / 7,500 PSI	22.5 gr/ 8,500 PSI	24.0 gr/ 9,500 PSI
1 1/8 oz	PB	Win. 209	WAA12	19.5 gr/ 6,900 PSI	21.0 gr / 7,700 PSI	22.5 gr/ 8,600 PSI	24.0 gr/ 9,400 PSI
1 1/8 oz	PB	Win. 209	Windjammer	20.0 gr/ 6,200 PSI	21.5 gr / 6,900 PSI	23.0 gr/ 7,400 PSI	24.5 gr/ 8,400 PSI
1 1/8 oz	SR 7625	Fed. 209A	Fed. 12S4	21.0 gr/ 6,800 PSI	22.5 gr / 7,600 PSI	23.5 gr/ 8,300 PSI	25.0 gr/ 9,300 PSI
1 1/8 oz	SR 7625	Fed. 209A	Rem. RXP12	21.5 gr/ 6,100 PSI	22.5 gr / 6,800 PSI	24.0 gr/ 7,700 PSI	25.5 gr/ 8,600 PSI
1 1/8 oz	SR 7625	Fed. 209A	WAA12	21.0 gr/ 6,800 PSI	22.5 gr / 7,400 PSI	23.5 gr/ 7,900 PSI	25.5 gr/ 9,100 PSI
1 1/8 oz	SR 7625	Fed. 209A	Windjammer	22.0 gr/ 5,400 PSI	23.5 gr / 6,400 PSI	24.5 gr/ 7,200 PSI	25.5 gr/ 7,900 PSI
1 1/8 oz	SR 7625	Rem. 209P	Fed. 12S4	21.5 gr/ 6,500 PSI	22.5 gr / 7,200 PSI	24.0 gr/ 8,100 PSI	25.5 gr/ 9,100 PSI
1 1/8 oz	SR 7625	Rem. 209P	Rem. RXP12	22.0 gr/ 5,800 PSI	23.0 gr / 6,300 PSI	24.5 gr/ 7,400 PSI	25.5 gr/ 8,200 PSI
1 1/8 oz	SR 7625	Rem. 209P	WAA12	22.0 gr/ 6,000 PSI	23.0 gr / 6,400 PSI	24.5 gr/ 7,200 PSI	26.0 gr/ 8,000 PSI
1 1/8 oz	SR 7625	Rem. 209P	Windjammer	22.0 gr/ 5,100 PSI	23.5 gr / 5,900 PSI	24.5 gr/ 6,400 PS	26.0 gr/ 7,200 PSI
1 1/8 oz	SR 7625	Win. 209	Fed. 12S4	21.0 gr/ 6,700 PSI	22.5 gr / 7,500 PSI	24.0 gr/ 8,400 PSI	25.5 gr/ 9,200 PSI
1 1/8 oz	SR 7625	Win. 209	Rem. RXP12	22.0 gr/ 6,200 PSI	23.0 gr / 6,600 PSI	24.5 gr/ 7,500 PSI	26.0 gr/ 8,300 PSI
1 1/8 oz	SR 7625	Win. 209	WAA12	21.0 gr/ 6,400 PSI	22.5 gr / 7,300 PSI	23.5 gr/ 7,900 PSI	25.5 gr/ 9,600 PSI
1 1/8 oz	SR 7625	Win. 209	Windjammer	22.0 gr/ 5,700 PSI	23.0 gr / 6,200 PSI	24.5 gr/ 6,900 PSI	26.0 gr/ 7,900 PSI

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1100 fps	1150 fps	1200 fps	1250 fps
1 1/8 oz	800-X	CCI 209	Fed. 12S3	20.5 gr/ 5,800 PSI	22.0 gr/ 6,400 PSI	23.0 gr/ 6,800 PSI	24.5 gr/ 7,800 PSI
1 1/8 oz	800-X	CCI 209	Rem. FIG. 8	21.0 gr/ 5,200 PSI	22.0 gr/ 5,700 PSI	23.5 gr/ 6,300 PSI	25.5 gr/ 6,900 PSI
1 1/8 oz	800-X	CCI 209	WAA12	20.5 gr/ 5,800 PSI	22.0 gr/ 6,500 PSI	23.0 gr/ 7,000 PSI	24.5 gr/ 7,700 PSI
1 1/8 oz	800-X	CCI 209	Windjammer	21.5 gr/ 4,800 PSI	22.5 gr/ 5,400 PSI	24.0 gr/ 5,800 PSI	26.0 gr/ 6,200 PSI
1 1/8 oz	800-X	Fed. 209A	Fed. 12S3	19.5 gr/ 6,400 PSI	21.0 gr/ 7,100 PSi	22.5 gr/ 7,800 PSI	24.0 gr/ 8,500 PSI
1 1/8 oz	800-X	Fed. 209A	Rem. FIG. 8	20.5 gr/ 5,200 PSI	21.5 gr/ 5,700 PSI	23.0 gr/ 6,700 PSI	24.5 gr/ 7,700 PSI
1 1/8 oz	800-X	Fed. 209A	WAA12	20.0 gr/ 6,600 PSI	21.0 gr/ 7,000 PSI	22.5 gr/ 7,800 PSI	24.0 gr/ 8,600 PSI
1 1/8 oz	800-X	Fed. 209A	Windjammer	21.0 gr/ 5,100 PSI	22.0 gr/ 5,800 PSI	23.0 gr/ 6,500 PSI	24.5 gr/ 7,600 PSI
1 1/8 oz	800-X	Win. 209	Fed. 12S3	20.0 gr/ 6,500 PSI	21.5 gr/ 7,100 PSI	22.5 gr/ 7,600 PSI	24.0 gr/ 8,400 PSI
1 1/8 oz	800-X	Win. 209	Rem. FIG. 8	20.0 gr/ 6,100 PSI	21.0 gr/ 6,600 PSI	22.5 gr/ 7,000 PSI	24.5 gr/ 7,700 PSI
1 1/8 oz	800-X	Win. 209	WAA12	20.0 gr/ 6,600 PSI	21.0 gr/ 7,200 PSI	22.0 gr/ 7,800 PSI	24.0 gr/ 8,800 PSI
1 1/8 oz	800-X	Win. 209	Windjammer	20.5 gr/ 5,400 PSI	21.5 gr/ 6,000 PSI	22.5 gr/ 6,700 PSI	24.0 gr/ 7,700 PSI
				980 fps	1035 fps	1090 fps	1145 fps
1 1/8 oz	WAALite	Ched. 209	Rem. FIG. 8	12.3 gr/ 8,100 PSI	13.4 gr/ 9,400 PSI	14.6 gr/ 10,700 PSI	–
1 1/8 oz	WAALite	Ched. 209	WAA12	12.5 gr/ 8,300 PSI	13.6 gr/ 9,800 PSI	14.6 gr/ 11,200 PSI	–
1 1/8 oz	WAALite	Ched. 209	WJ-12-RPL	12.2 gr/ 7,700 PSI	13.3 gr/ 8,800 PSI	14.5 gr/ 9,900 PSI	15.6 gr / 11,000 PSI
1 1/8 oz	WAALite	Fed. 209A	Rem. FIG. 8	12.5 gr/ 8,000 PSI	13.5 gr/ 9,300 PSI	14.5 gr/ 10,500 PSI	–
1 1/8 oz	WAALite	Fed. 209A	WAA12	12.1 gr/ 8,500 PSI	13.3 gr / 10,300 PSI	–	–
1 1/8 oz	WAALite	Fed. 209A	WJ-12-RPL	12.1 gr/ 7,900 PSI	13.3 gr/ 9,100 PSI	14.4 gr/ 10,200 PSI	–
1 1/8 oz	WAALite	Rem. 209P	Rem. FIG. 8	12.1 gr/ 7,800 PSI	13.3 gr/ 9,200 PSI	14.3 gr/ 10,400 PSI	15.0 gr / 11,300 PSI
1 1/8 oz	WAALite	Rem. 209P	WAA12	12.2 gr/ 7,800 PSI	13.2 gr/ 9,300 PSI	14.1 gr/ 10,700 PSI	–
1 1/8 oz	WAALite	Rem. 209P	WJ-12-RPL	12.4 gr/ 7,300 PSI	13.5 gr/ 8,500 PSI	14.5 gr/ 9,600 PSI	15.4 gr / 10,500 PSI
1 1/8 oz	WAALite	Win. 209	Rem. FIG. 8	12.5 gr/ 7,300 PSI	13.6 gr/ 8,900 PSI	14.8 gr/ 10,600 PSI	–
1 1/8 oz	WAALite	Win. 209	WAA12	12.3 gr/ 7,700 PSI	13.3 gr/ 9,200 PSI	14.2 gr/ 10,500 PSI	–
1 1/8 oz	WAALite	Win. 209	WJ-12-RPL	12.6 gr/ 7,2 00 PSI	13.7 gr/ 8,500 PSI	14.7 gr/ 9,600 PSI	15.5 gr / 10,500 PSI
				1145 fps	1200 fps	1255 fps	1310 fps
1 1/8 oz	WST	CCI 209	Fed. 12S3	19.0 gr/ 9,500 PSI	20.5 gr / 10,800 PSI	–	–
1 1/8 oz	WST	CCI 209	Rem. FIG. 8	19.0 gr/ 9,000 PSI	20.5 gr / 10,000 PSI	–	–
1 1/8 oz	WST	CCI 209	Rem. RXP12	19.5 gr/ 8,800 PSI	20.5 gr / 10,300 PSI	–	–
1 1/8 oz	WST	CCI 209	WAA12	19.0 gr/ 9,100 PSI	20.5 gr / 10,300 PSI	–	–
1 1/8 oz	WST	Fed. 209A	WAA12	18.5 gr / 10,700 PSI	–	–	–
1 1/8 oz	WST	Win. 209	Fed. 12S3	19.0 gr/ 9,800 PSI	20.0 gr / 10,900 PSI	–	–
1 1/8 oz	WST	Win. 209	Rem. FIG. 8	19.0 gr/ 8,400 PSI	20.5 gr / 10,000 PSI	–	–
1 1/8 oz	WST	Win. 209	Rem. RXP12	19.0 gr/ 8,700 PSI	20.0 gr/ 9,700 PSI	–	–
1 1/8oz	WST	Win. 209	WAA12	18.5 gr/ 8,600 PSI	20.0 gr/ 9,800 PSI	–	–
1 1/8 oz	Super Hcp	Ched. 209	DRV-12	18.1 gr/ 7,800 PSI	19.4 gr/ 9,600 PSI	20.7 gr / 11,400 PSI	–
1 1/8 oz	Super Hcp	Ched. 209	Rem. FIG. 8	18.5 gr/ 8,500 PSI	19.7 gr/ 9,700 PSI	21.0 gr / 11,100 PSI	–
1 1/8 oz	Super Hcp	Ched. 209	WAA12	17.8 gr/ 8,500 PSI	19.1 gr/ 9,900 PSI	20.5 gr / 11,400 PSI	–
1 1/8 oz	Super Hcp	Ched. 209	Windjammer	18.4 gr/ 7,400 PSI	19.9 gr/ 8,700 PSI	21.4 gr/ 9,900 PSI	22.9 gr / 11,200 PSI
1 1/8 oz	Super Hcp	Fed. 209A	DRV-12	17.4 gr/ 8,700 PSI	18.9 gr / 10,200 PSI	–	–
1 1/8 oz	Super Hcp	Fed. 209A	Rem. FIG. 8	18.1 gr/ 8,300 PSI	19.5 gr/ 9,800 PSI	20.9 gr / 11,200 PSI	–
1 1/8 oz	Super Hcp	Fed. 209A	WAA12	17.4 gr/ 8,800 PSI	18.9 gr / 10,300 PSI	–	–
1 1/8 oz	Super Hcp	Fed. 209A	Windjammer	17.9 gr/ 8,200 PSI	19.5 gr/ 9,700 PSI	21.0 gr / 11,100 PSI	–
1 1/8 oz	Super Hcp	Rem. 209P	DRV-12	18.2 gr/ 8,200 PSI	19.5 gr/ 9,600 PSI	20.8 gr / 10,900 PSI	–

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1145 fps	1200 fps	1255 fps	1310 fps
1 1/8 oz	Super Hcp	Rem. 209P	Rem. FIG. 8	18.1 gr/ 7,700 PSI	19.6 gr / 9,400 PSI	21.0 gr / 10,900 PSI	–
1 1/8 oz	Super Hcp	Rem. 209P	WAA12	18.4 gr/ 7,600 PSI	19.6 gr / 9,100 PSI	20.8 gr / 10,700 PSI	–
1 1/8 oz	Super Hcp	Rem. 209P	Windjammer	19.2 gr/ 7,800 PSI	20.4 gr / 9,100 PSI	21.6 gr / 10,400 PSI	–
1 1/8 oz	Super Hcp	Win. 209	DRV-12	18.0 gr/ 8,500 PSI	19.4 gr / 9,900 PSI	20.8 gr / 11,400 PSI	–
1 1/8 oz	Super Hcp	Win. 209	Rem. FIG. 8	18.4 gr/ 7,200 PSI	19.7 gr / 8,800 PSI	21.0 gr / 10,400 PSI	–
1 1/8 oz	Super Hcp	Win. 209	WAA12	18.1 gr/ 8,200 PSI	19.5 gr / 9,700 PSI	20.9 gr / 11,300 PSI	–
1 1/8 oz	Super Hcp	Win. 209	Windjammer	19.4 gr/ 7,800 PSI	20.5 gr / 9,000 PSI	21.6 gr / 10,100 PSI	22.7 gr / 11,300 PSI
1 1/8 oz	WSF	Fed. 209A	WAA12SL	21.5 gr/ 7,200 PSI	23.0 gr / 8,400 PSI	24.0 gr/ 9,100 PSI	25.5 gr/ 9,800 PSI
				1145 fps	1310 fps	1365 fps	1400 fps
1 1.8 oz	WSF	Win. 209	Fed. 12S3	–	27.5 gr / 8,500 PSI	28.5 gr/ 9,500 PSI	29.5 gr / 10,800 PSI
1 1/8 oz	WSF	Win. 209	WAA12	–	27.5 gr / 8,700 PSI	29.0 gr/ 9,900 PSI	30.0 gr / 10,600 PSI
				1220 fps	1250 fps		
1 1/4 oz	Universal	CCI 209	Rem. SP12	22.5 gr/ 10,700 PSI	23.9 gr / 11,100 PSI		
1 1/4 oz	Universal	CCI 209	WAA12 F114	23.5 gr/ 10,000 PSI	—		
1 1/4 oz	Universal	CCI 209M	Rem. SP12	23.3 gr/ 11,100 PSI	—		
1 1/4 oz	Universal	CCI 209M	WAA12F114	22.5 gr/ 11,400 PSI	—		
1 1/4 oz	Universal	Fed. 209A	Rem. SP12	22.4 gr/ 11,500 PSI	—		
1 1/4 oz	Universal	Fed. 209A	WAA12F114	22.6 gr/ 11,500 PSI	—		
1 1/4 oz	Universal	Rem. 209P	Rem. SP12	23.3 gr/ 10,600 PSI	24.2 gr / 11,200 PSI		
1 1/4 oz	Universal	Rem. 209P	WAA12F114	23.0 gr/ 11,500 PSI	—		
1 1/4 oz	Universal	Win. 209	Rem. SP12	22.8 gr/ 10,700 PSI	23.3 gr / 11,400 PSI		
1 1/4 oz	Universal	Win. 209	WAA12 F114	23.0 gr/ 10,900 PSI	—		
				1220 fps	1330 fps		
1 1/4 oz	HS-6	Win. 209	WAA12F114	30.0 gr/ 8,800 LUP	33.0 gr / 10,500 LUP		
1 1/4 oz	HS-6	Win. 209	Rem. R12H	31.5 gr/ 9,000 LUP	35.0 gr / 10,600 LUP		
1 1/4 oz	HS-6	Win. 209	Fed. 12C1	32.0 gr/ 8,700 LUP	35.0 gr / 10,400 LUP		
				1330 fps	1385 fps	1440 fps	
1 1/4 oz	Longshot	CCI 209M	Rem. SP12	29.3 gr/ 8,900 PSI	30.7 gr / 9,900 PSI	32.1 gr / 10,800 PSI	
1 1/4 oz	Longshot	CCI 209M	WAA12F114	29.3 gr/ 10,200 PSI	30.1 gr / 11,300 PSI	—	
1 1/4 oz	Longshot	CCI 209M	Fed. 12S4	28.5 gr/ 10,900 PSI	—	—	
1 1/4 oz	Longshot	Fed. 209A	Rem. SP12	28.6 gr/ 9,400 PSI	30.0 gr / 10,600 PSI	—	
1 1/4 oz	Longshot	Fed. 209A	WAA12F114	27.7 gr/ 10,800 PSI	—	—	
1 1/4 oz	Longshot	Rem. 209P	Fed. 12S4	28.5 gr/ 11,000 PSI	—	—	
1 1/4 oz	Longshot	Rem. 209P	Rem. SP12	29.1 gr/ 9,400 PSI	30.9 gr / 9,800 PSI	32.2 gr / 11,200 PSI	
1 1/4 oz	Longshot	Rem. 209P	WAA12F114	27.9 gr/ 10,500 PSI	29.5 gr / 11,300 PSI	—	
1 1/4 oz	Longshot	Win. 209	Fed. 12S4	29.8 gr/ 9,400 PSI	31.1 gr / 10,500 PSI	—	
1 1/4 oz	Longshot	Win. 209	Rem. SP12	30.0 gr/ 8,300 PSI	31.5 gr / 9,300 PSI	33.0 gr / 10,400 PSI	
1 1/4 oz	Longshot	Win. 209	WAA12F114	28.7 gr/ 9,800 PSI	30.4 gr / 10,800 PSI	—	
				1225 fps	1275 fps	1325 fps	
1 1/4 oz	PB	Win. 209	WAA12R	23.5 gr/ 10,500 PSI	25.0 gr / 11,500 PSI	—	
1 1/4 oz	SR 7625	Fed. 209A	Rem. SP12	—	26.0 gr / 11,000 PSI	27.0 gr / 11,500 PSI	
1 1/4 oz	SR 7625	Fed. 209A	WAA12R	—	26.5 gr / 10,900 PSI	27.5 gr / 11,500 PSI	
1 1/4 oz	SR 7625	Rem. 209P	Fed. 12S4	—	26.5 gr / 10,700 PSI	28.0 gr / 11,500 PSI	

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1225 fps	1275 fps	1325 fps	
1 1/4 oz	SR 7625	Rem. 209P	Rem. SP12	—	28.0 gr / 10,200 PSI	29.0 gr / 10,900 PSI	
1 1/4 oz	SR 7625	Rem. 209P	WAA12R	—	28.0 gr / 9,100 PSI	29.5 gr / 10,300 PSI	
1 1/4 oz	SR 7625	Win. 209	Fed. 12S4	25.0 gr / 10,200 PSI	26.5 gr / 11,400 PSI	—	
1 1/4 oz	SR 7625	Win. 209	Rem. SP12	—	27.5 gr / 10,300 PSI	29.0 gr / 11,400 PSI	
1 1/4 oz	SR 7625	Win. 209	WAA12	—	27.0 gr / 11,000 PSI	28.0 gr / 11,500 PSI	
1 1/4 oz	SR 4756	Fed. 209A	Fed. 12S4	26.0 gr / 10,700 PSI	27.5 gr / 11,500 PSI	—	
1 1/4 oz	SR 4756	Fed. 209A	Rem. SP12	—	28.5 gr / 10,800 PSI	29.5 gr / 11,500 PSI	
1 1/4 oz	SR 4756	Fed. 209A	WAA12R	—	28.5 gr / 10,600 PSI	30.0 gr / 11,500 PSI	
1 1/4 oz	SR 4756	Rem. 209P	Fed. 12S4	29.5 gr/ 8,400 PSI	—	—	
1 1/4 oz	SR 4756	Rem. 209P	Rem. RP12	—	30.5 gr / 9,600 PSI	31.5 gr / 10,600 PSI	
1 1/4 oz	SR 4756	Rem. 209P	WAA12R	—	31.5 gr / 8,200 PSI	33.0 gr / 9,000 PSI	
1 1/4 oz	SR 4756	Win. 209	Fed. 12S4	27.5 gr/ 9,500 PSI	—	—	
1 1/4 oz	SR 4756	Win. 209	Rem. SP12	—	30.0 gr / 10,000 PSI	31.5 gr / 11,000 PSI	
1 1/4 oz	SR 4756	Win. 209	WAA12R	—	30.5 gr / 9,400 PSI	32.0 gr / 10,300 PSI	
1 1/4 oz	800-X	Fed. 209A	Fed. 12S4	—	24.5 gr / 10,600 PSI	26.0 gr / 11,500 PSI	
1 1/4 oz	800-X	Fed. 209A	Rem. SP12	—	25.0 gr / 9,800 PSI	26.5 gr / 10,700 PSI	
1 1/4 oz	800-X	Fed. 209A	WAA12	—	24.5 gr / 10,400 PSI	26.0 gr / 11,400 PSI	
1 1/4 oz	800-X	Fed. 209A	Windjammer	—	24.5 gr / 9,300 PSI	26.0 gr / 10,000 PSI	
1 1/4 oz	800-X	Rem. 209P	Fed. 12S4	—	26.0 gr / 8,600 PSI	27.5 gr / 9,600 PSI	
1 1/4 oz	800-X	Rem. 209P	Rem. SP12	—	27.5 gr / 7,800 PSI	29.0 gr / 8,500 PSI	
1 1/4 oz	800-X	Rem. 209P	WAA12	—	27.0 gr / 8,200 PSI	28.5 gr / 9,600 PSI	
1 1/4 oz	800-X	Rem. 209P	Windjammer	—	26.0 gr / 8,100 PSI	28.5 gr / 9,000 PSI	
1 1/4 oz	800-X	Win. 209	Fed. 12S3	—	25.0 gr / 10,000 PSI	26.5 gr / 10,900 PSI	
1 1/4 oz	800-X	Win. 209	Rem. SP12	—	25.0 gr / 9,400 PSI	26.5 gr / 10,200 PSI	
1 1/4 oz	800-X	Win. 209	WAA12	—	25.0 gr / 9,900 PSI	26.5 gr / 10,700 PSI	
1 1/4 oz	800-X	Win. 209	Windjammer	—	25.5 gr / 9,000 PSI	27.0 gr / 10,000 PSI	
				1220 fps	1275 fps	1310 fps	1330 fps
1 1/4 oz	WSF	CCI 209	Rem. RXP12	–	29.0 gr / 10,400 PSI	–	–
1 1/4 oz	WSF	CCI 209	Rem. SP12	–	–	–	28.0 gr/ 9,800 PSI
1 1/4 oz	WSF	Fed. 209A	WAA12F114	–	–	27.0 gr / 10,700 PSI	–
1 1/4 oz	WSF	Win. 209	Fed. 12S4	26.0 gr/ 9,000 PSI	27.5 gr / 10,900 PSI	–	–
1 1/4 oz	WSF	Win. 209	WAA12F114	–	28.0 gr / 9,700 PSI	–	29.5 gr / 10,600 PSI
				1185 fps	1240 fps	1295 fps	
1 3/8 oz	Longshot	CCI 209M	BP Ultra Short Euro	23.7 gr/ 9,300 PSI	25.1 gr / 10,600 PSI	—	
1 3/8 oz	Longshot	CCI 209M	Rem. RP12	23.1 gr / 10,200 PSI	24.8 gr / 10,900 PSI	—	
1 3/8 oz	Longshot	CCI 209M	WAA12R	23.5 gr/ 9,700 PSI	25.2 gr / 11,000 PSI	—	
1 3/8 oz	Longshot	FED. 209A	BP Ultra Short Euro	24.0 gr/ 9,500 PSI	25.4 gr / 10,600 PSI	—	
1 3/8 oz	Longshot	FED. 209A	Rem. RP12	23.6 gr/ 9,500 PSI	25.3 gr / 10,700 PSI	—	
1 3/8 oz	Longshot	FED. 209A	WAA12R	23.5 gr / 10,100 PSI	25.2 gr / 10,900 PSI	—	
1 3/8 oz	Longshot	REM. 209P	BP Ultra Short Euro	23.9 gr/ 8,900 PSI	25.6 gr / 10,300 PSI	—	
1 3/8 oz	Longshot	REM. 209P	Rem. RP12	23.5 gr/ 9,500 PSI	25.6 gr / 10,200 PSI	27.5 gr / 11,100 PSI	

12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA AND HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1185 fps	1240 fps	1295 fps	
1 3/8 oz	Longshot	REM. 209P	WAA12R	24.3 gr/ 8,800 PSI	25.7 gr / 10,200 PSI	27.0 gr / 11,500 PSI	
1 3/8 oz	Longshot	WIN. 209	BP Ultra Short Euro	24.4 gr/ 9,000 PSI	26.1 gr / 10,300 PSI	27.8 gr / 11,500 PSI	
1 3/8 oz	Longshot	WIN. 209	Rem. RP12	24.5 gr/ 8,500 PSI	26.4 gr / 9,600 PSI	28.3 gr / 10,800 PSI	
1 3/8 oz	Longshot	WIN. 209	WAA12R	24.6 gr/ 8,700 PSI	26.4 gr / 9,800 PSI	28.1 gr / 10,900 PSI	
				1200 fps	1250 fps	1300 fps	1350 fps
1 3/8 oz	SR 4756	Fed. 209A	Rem. SP12	27.5 gr/ 11,200 PSI	—	—	—
1 3/8 oz	SR 4756	Fed. 209A	WAA12R	27.0 gr/ 10,900 PSI	—	—	—
1 3/8 oz	SR 4756	Rem. 209P	Rem. RP12	—	31.0 gr / 10,900 PSI	—	—
1 3/8 oz	SR 4756	Rem. 209P	WAA12R	—	—	32.0 gr / 10,600 PSI	
1 3/8 oz	SR 4756	Win. 209	Rem. SP12	—	28.5 gr / 11,000 PSI	—	—
1 3/8 oz	SR 4756	Win. 209	WAA12R	—	30.0 gr / 11,200 PSI	—	—
1 3/8 oz	800-X	Fed. 209A	Fed. 12S4	22.5 gr/ 11,100 PSI	—	—	—
1 3/8 oz	800-X	Fed. 209A	Rem. SP12	—	25.0 gr / 11,100 PSI	—	—
1 3/8 oz	800-X	Fed. 209A	WAA12R	—	25.5 gr / 11,000 PSI	—	—
1 3/8 oz	800-X	Rem. 209P	Fed. 12S4	—	—	27.0 gr / 11,100 PSI	—
1 3/8 oz	800-X	Rem. 209P	Rem. RP12	—	—	—	30.0 gr/11,200 PSI
1 3/8 oz	800-X	Rem. 209P	WAA12R	—	—	29.0 gr / 10,100 PSI	—
1 3/8 oz	800-X	Win. 209	Fed. 12S4	23.5 gr/ 11,100 PSI	—	—	—
1 3/8 oz	800-X	Win. 209	Rem. SP1	—	26.0 gr / 11,100 PSI	—	—
1 3/8 oz	800-X	Win. 209	WAA12R	—	—	26.0 gr / 11,000 PSI	—
				1205 fps	1260 fps		
1 1/2 oz	Longshot	CCI 209M	Rem. SP12	25.9 gr/ 11,400 PSI	—		
1 1/2 oz	Longshot	CCI 209M	WAA12R	25.0 gr/ 11,300 PSI	—		
1 1/2 oz	Longshot	Fed. 209A	Rem. RP12	25.5 gr/ 11,100 PSI	—		
1 1/2 oz	Longshot	Fed. 209A	WAA12R	25.0 gr/ 11,000 PSI	—		
1 1/2 oz	Longshot	Rem. 209P	Rem.RP12	25.5 gr/ 11,100 PSI	—		
1 1/2 oz	Longshot	Rem. 209P	WAA12R	26.0 gr/ 10,800 PSI	—		
1 1/2 oz	Longshot	Win. 209	Rem. RP12	27.0 gr/ 9,900 PSI	28.0 gr / 11,400 PSI		
1 1/2 oz	Longshot	Win. 209	WAA12R	26.4 gr/ 10,100 PSI	28.0 gr / 11,500 PSI		

12 GA., 3", FEDERAL PLASTIC SHELL, 7/16" BASE WAD

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1250 fps	1300 fps	1350 fps
1 1/2 oz	800-X	Win. 209	Fed. 12S4	29.0 gr/ 10,600 PSI	—	—
1 1/2 oz	800-X	Win. 209	Rem. R12H	—	30.0 gr / 10,500 PSI	—
1 1/2 oz	SR 4756	Fed. 209A	Rem. RP12	—	33.5 gr / 10,800 PSI	—
1 1/2 oz	SR 4756	Fed. 209A	WAA12R	33.0 gr/ 10,700 PSI	—	—
1 1/2 oz	SR 4756	Rem. 209P	Rem. RP12	—	37.0 gr/ 9,100 PSI	—
1 1/2 oz	SR 4756	Rem. 209P	WAA12R	—	37.0 gr/ 9,600 PSI	—
1 1/2 oz	SR 4756	Win. 209	Rem. RP12	—	37.0 gr/ 9,900 PSI	—
				1250 fps	1300 fps	1350 fps
1 1/2 oz	SR 4756	Win. 209	WAA12R	—	37.0 gr / 10,400 PSI	—
1 1/2 oz	800-X	Fed. 209A	Fed. 12S4	27.5 gr/ 10,800 PSI	—	—
1 1/2 oz	800-X	Fed. 209A	Rem. R12H	29.0 gr/ 10,700 PSI	—	—
1 1/2 oz	800-X	Rem. 209P	Fed. 12S4	—	31.0 gr / 10,600 PSI	—

12 GA., 3", FEDERAL PLASTIC SHELL, 7/16" BASE WAD (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps	1300 fps	1350 fps	
1 1/2 oz	800-X	Rem. 209P	Rem. R12H	—	—	33.0 gr / 10,600 PSI	
				1225 fps	1280 fps	1335 fps	
1 5/8 oz	Longshot	CCI209M	Fed. 12S4	28.3 gr/ 10,600 PSI	—	—	
1 5/8 oz	Longshot	CCI209M	WAA12	28.8 gr/ 10,200 PSI	30.8 gr / 11,200 PSI	—	
1 5/8 oz	Longshot	Fed. 209A	Fed. 12S4	28.3 gr/ 10,800 PSI	—	—	
1 5/8 oz	Longshot	Fed. 209A	WAA12	29.1 gr/ 10,000 PSI	—	—	
1 5/8 oz	Longshot	Win. 209	Fed. 12S4	30.0 gr/ 10,300 PSI	—	—	
1 5/8 oz	Longshot	Win. 209	WAA12	30.9 gr/ 9,500 PSI	32.0 gr / 10,600 PSI	—	
				1175 fps	1200 fps	1225 fps	1250 fps
1 5/8 oz	SR 4756	Fed. 209A	Rem. RP12	31.0 gr/ 11,000 PSI	—	—	—
1 5/8 oz	SR 4756	Fed. 209A	WAA12R	31.0 gr/ 10,800 PSI	—	—	—
1 5/8 oz	SR 4756	Rem. 209P	Rem. RP12	—	—	—	34.5 gr/10,800 PSI
1 5/8 oz	SR 4756	Rem. 209P	WAA12R	—	—	—	35.5 gr/10,900 PSI
1 5/8 oz	SR 4756	Win. 209	Rem. RP12	—	—	—	36.0 gr/10,800 PSI
1 5/8 oz	SR 4756	Win. 209	WAA12R	—	—	—	35.5 gr/10,800 PSI
1 5/8 oz	800-X	Fed. 209A	Rem. SP12	26.0 gr/ 10,800 PSI	—	—	—
1 5/8 oz	800-X	Fed. 209A	WAA12R	26.0 gr/ 10,800 PSI	—	—	—
1 5/8 oz	800-X	Rem. 209P	Rem. SP12	—	28.0 gr / 10,800 PSI	—	—
1 5/8 oz	800-X	Rem. 209P	WAA12R	—	27.5 gr / 10,900 PSI	—	—
1 5/8 oz	800-X	Win. 209	Rem. SP12	—	—	29.0 gr / 10,900 PSI	—
1 5/8 oz	800-X	Win. 209	WAA12R	—	—	28.5 gr / 11,000 PSI	—
				1150 fps	1175 fps		
1 3/4 oz	800-X	Fed. 209A	WAA12R	25.5 gr/ 10,700 PSI	—		
1 3/4 oz	800-X	Rem. 209P	Rem. RP12	—	28.0 gr / 10,500 PSI		
1 3/4 oz	800-X	Rem. 209P	WAA12R	—	28.0 gr / 10,600 PSI		
1 3/4 oz	800-X	Win. 209	Rem. RP12	27.5 gr/ 10,600 PSI	—		
1 3/4 oz	800-X	Win. 209	WAA12R	—	27.5 gr / 10,800 PSI		
				1155 fps	1210 fps		
1 7/8 oz	Longshot	CCI209M	Rem. SP12	27.7 gr/ 10,600 PSI	—		
1 7/8 oz	Longshot	Fed. 209A	Rem. SP12	27.1 gr/ 11,200 PSI	—		
1 7/8 oz	Longshot	Win. 209	Rem. SP12	27.9 gr/ 9,900 PSI	29.5 gr / 11,400 PSI		
1 7/8 oz	Longshot	Win. 209	Win. WAA12R + .070" card	28.0 gr/ 10,500 PSI	—		

12 GA., 3", REMINGTON-PETERS PLASTIC GAME SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1275 fps	1300 fps	1325 fps
1 1/2 oz	SR 7625	Win. 209	Rem. RXP12	34.0 gr/ 10,600 PSI	—	—
1 1/2 oz	SR 7625	Win. 209	Rem. SP12	33.5 gr/ 10,700 PSI	—	—
1 1/2 oz	SR 4756	Win. 209	Rem. SP12	—	—	38.5 gr/ 10,500 PSI
1 1/2 oz	800-X	Win. 209	Rem. SP12	—	30.5 gr / 10,600 PSI	—
1 1/2 oz	800-X	Win. 209	WAA12	29.5 gr/ 10,800 PSI	—	—
				1225 fps	1280 fps	1335 fps
1 5/8 oz	Longshot	CCI209M	Rem. SP12	28.9 gr/ 9,700 PSI	31.0 gr / 10,600 PSI	—
1 5/8 oz	Longshot	CCI209M	WAA12F114	28.0 gr/ 10,400 PSI	—	—

12 GA., 3", REMINGTON-PETERS PLASTIC GAME SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1225 fps	1280 fps	1335 fps
1 5/8 oz	Longshot	Rem. 209P	Rem. SP12	29.7 gr / 9,000 PSI	31.3 gr / 10,200 PSI	—
1 5/8 oz	Longshot	Rem. 209P	WAA12F114	29.0 gr / 10,300 PSI	—	—
				1225 fps	1280 fps	1335 fps
1 5/8 oz	Longshot	Win. 209	Rem. SP12	29.9 gr / 9,300 PSI	32.2 gr / 10,300 PSI	34.4 gr / 11,200 PSI
1 5/8 oz	Longshot	Win. 209	WAA12F114	29.8 gr / 9,600 PSI	31.2 gr / 11,300 PSI	—
				1150 fps	1200 fps	1250 fps
1 5/8 oz	SR 4756	Fed. 209A	Rem. RP12	30.5 gr / 10,900 PSI	—	—
1 5/8 oz	SR 4756	Fed. 209A	WAA12R	—	30.0 gr / 11,000 PSI	—
1 5/8 oz	SR 4756	Rem. 209P	Rem. RP12	—	—	34.0 gr / 10,900 PSI
1 5/8 oz	SR 4756	Rem. 209P	WAA12R	—	—	34.0 gr / 10,900 PSI
1 5/8 oz	SR 4756	Win. 209	Rem. RP12	—	—	33.5 gr / 10,800 PSI
1 5/8 oz	SR 4756	Win. 209	WAA12R	—	—	35.0 gr / 11,000 PSI
1 5/8 oz	800-X	Fed. 209A	Rem. R12H	25.5 gr / 10,900 PSI	—	—
1 5/8 oz	800-X	Fed. 209A	WAA12	25.5 gr / 10,900 PSI	—	—
1 5/8 oz	800-X	Rem. 209P	Rem. SP12	—	28.0 gr / 10,900 PSI	—
1 5/8 oz	800-X	Rem. 209P	WAA12	—	27.5 gr / 10,800 PSI	—
1 5/8 oz	800-X	Win. 209	Rem. SP12	—	28.0 gr / 10,800 PSI	—
1 5/8 oz	800-X	Win. 209	WAA12	—	28.0 gr / 10,800 PSI	—
				1155 fps	1210 fps	
1 7/8 oz	Longshot	CCI209M	Rem. SP12	27.6 gr / 10,900 PSI	—	
1 7/8 oz	Longshot	Rem. 209P	Rem. SP12	28.4 gr / 11,000 PSI	—	
1 7/8 oz	Longshot	Win. 209	Rem. SP12	29.1 gr / 8,600 PSI	30.8 gr / 11,000 PSI	

12 GA., 3", WINCHESTER POLYFORMED PLASTIC GAME SHELLS (PLASTIC BASEWAD)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1225 fps	1280 fps	1335 fps
1 5/8 oz	Longshot	CCI209M	Rem. R12L	31.6 gr / 9,800 PSI	32.9 gr / 10,200 PSI	34.5 gr / 11,400 PSI
1 5/8 oz	Longshot	CCI209M	WAA12F114	—	31.6 gr / 10,700 PSI	—
1 5/8 oz	Longshot	Rem. 209P	Rem. R12L	32.2 gr / 8,500 PSI	33.9 gr / 9,200 PSI	35.7 gr / 10,000 PSI
1 5/8 oz	Longshot	Rem. 209P	WAA12F114	—	31.4 gr / 10,400 PSI	—
1 5/8 oz	Longshot	Win. 209	Rem. R12L	33.6 gr / 7,200 PSI	34.8 gr / 8,700 PSI	36.1 gr / 10,300 PSI
1 5/8 oz	Longshot	Win. 209	WAA12F114	—	32.7 gr / 10,400 PSI	34.0 gr / 11,500 PSI
				1155 fps	1210 fps	
1 7/8 oz	Longshot	CCI209M	Rem. SP12	28.5 gr / 9,900 PSI	31.0 gr / 11,500 PSI	
1 7/8 oz	Longshot	CCI209M	WAA12R + .070" card	28.5 gr / 10,400 PSI	—	
1 7/8 oz	Longshot	Rem. 209P	Rem. SP12	29.9 gr / 8,300 PSI	31.0 gr / 11,100 PSI	
1 7/8 oz	Longshot	Rem. 209P	WAA12R + .070" card	29.3 gr / 9,500 PSI	30.9 gr / 11,500 PSI	
1 7/8 oz	Longshot	Win. 209	Rem. SP12	30.2 gr / 9,500 PSI	32.0 gr / 10,700 PSI	
1 7/8 oz	Longshot	Win. 209	WAA12R + .070" card	29.5 gr / 8,800 PSI	31.3 gr / 11,000 PSI	

12 GA., 3" WINCHESTER COMPRESSION-FORMED SUPER-X TYPE SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1200 fps	1250 fps	1300 fps
1 5/8 oz	SR 4756	Fed. 209A	Rem. SP12	33.0 gr / 10,900 PSI	—	—
1 5/8 oz	SR 4756	Fed. 209A	WAA12F114	31.0 gr / 10,800 PSI	—	—
1 5/8 oz	SR 4756	Rem. 209P	Rem. RP12	—	—	35.5 gr / 10,900 PSI
1 5/8 oz	SR 4756	Rem. 209P	WAA12R	—	—	37.5 gr / 11,000 PSI

12 GA., 3" WINCHESTER COMPRESSION-FORMED SUPER-X TYPE SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1200 fps	1250 fps	1300 fps
1 5/8 oz	SR 4756	Win. 209	Rem. RP12	—	—	37.5 gr / 11,000 PSI
1 5/8 oz	SR 4756	Win. 209	WAA12R	—	—	38.5 gr / 10,900 PSI
1 5/8 oz	800-X	Fed. 209A	Rem. RXP12	28.5 gr / 11,000 PSI	—	—
1 5/8 oz	800-X	Fed. 209A	WAA12	28.0 gr / 10,800 PSI	—	—
1 5/8 oz	800-X	Rem. 209P	Rem. RXP12	—	31.5 gr / 11,000 PSI	—
1 5/8 oz	800-X	Rem. 209P	WAA12	—	30.0 gr / 10,900 PSI	—
1 5/8 oz	800-X	Win. 209	Rem. RXP12	—	30.5 gr / 11,000 PSI	—
1 5/8 oz	800-X	Win. 209	WAA12 —	30.5 gr / 11,000 PSI	—	

12 GA., 3 1/2", FEDERAL STEEL SHOTSHELLS (LEAD SHOT LOADS)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1250 fps	1300 fps
1 7/8 oz	Longshot	Fed. 209A	Fed. 12S0 + 1–20 ga. .135" Card	36.3 gr/12,200 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12L + 1–20 ga. .135" Card	37.0 gr/12,300 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12SL + 1–20 ga. .135" Card	37.0 gr/12,500 PSI	—
1 7/8 oz	Longshot	Rem. 209P	Fed. 12S0 + 1–20 ga. .135" Card	37.8 gr/11,400 PSI	39.4 gr/13,300 PSI
1 7/8 oz	Longshot	Rem. 209P	WAA12L + 1–20 ga. .135" Card	37.3 gr/12,100 PSI	39.2 gr/13,400 PSI
1 7/8 oz	Longshot	Rem. 209P	WAA12SL + 1–20 ga. .135" Card	36.8 gr/12,400 PSI	39.0 gr/13,000 PSI
				1200 fps	
2 oz	Longshot	Fed. 209A	Fed. 12S3 + 1–20 ga. .135" Card	35.0 gr/12,900 PSI	
2 oz	Longshot	Fed. 209A	WAA12SL	34.8 gr/13,300 PSI	
2 oz	Longshot	Rem. 209P	Fed. 12S3 + 1–20 ga. .135" Card	35.5 gr/12,400 PSI	
2 oz	Longshot	Rem. 209P	WAA12SL	35.3 gr/12,300 PSI	
				1150 fps	
2 1/4 oz	Longshot	Fed. 209A	Fed. 12S3	32.0 gr/13,700 PSI	
2 1/4 oz	Longshot	Fed. 209A	Rem. RXP	31.0 gr/13,200 PSI	
2 1/4 oz	Longshot	Fed. 209A	WAA12	31.0 gr/13,700 PSI	
2 1/4 oz	Longshot	Rem. 209P	Fed. 12S3	33.0 gr/12,900 PSI	
2 1/4 oz	Longshot	Rem. 209P	Rem. RXP	33.0 gr/12,600 PSI	
2 1/4 oz	Longshot	Rem. 209P	WAA12	33.0 gr/13,400 PSI	

12 GA., 3 1/2", REMINGTON STEEL SHOTSHELLS (LEAD SHOT LOADS)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1250 fps	
1 7/8 oz	Longshot	Fed. 209A	Fed. 12S0 + 1–20 ga. .135" Card	36.0 gr / 13,600 PSI	
1 7/8 oz	Longshot	Fed. 209A	Rem. TGT12 + 1–20 ga. .135" Card	36.0 gr / 13,200 PSI	
1 7/8 oz	Longshot	Fed. 209A	WAA12SL + 1–20 ga. .135" Card	36.1 gr / 13,000 PSI	
1 7/8 oz	Longshot	Rem. 209P	Fed. 12S0 + 1–20 ga. .135" Card	36.4 gr / 13,000 PSI	
1 7/8 oz	Longshot	Rem. 209P	Rem. TGT12 + 1–20 ga. .135" Card	36.0 gr / 13,100 PSI	
1 7/8 oz	Longshot	Rem. 209P	WAA12SL + 1–20 ga. .135" Card	36.5 gr / 13,200 PSI	
				1200 fps	
2 oz	Longshot	Fed. 209A	Rem. TGT12	33.8 gr / 13,000 PSI	
2 oz	Longshot	Rem. 209P	Fed. 12S3 + 1–20 ga. .135" Card	34.0 gr / 13,300 PSI	
2 oz	Longshot	Rem. 209P	Rem. TGT12	34.0 gr / 13,300 PSI	
				1150 fps	1175 fps
2 1/4 oz	Longshot	Fed. 209A	Fed. 12S3	29.4 gr / 13,100 PSI	29.9 gr / 13,600 PSI
2 1/4 oz	Longshot	Fed. 209A	Rem. RXP	29.3 gr / 13,300 PSI	30.0 gr / 13,900 PSI
2 1/4 oz	Longshot	Fed. 209A	WAA12	29.5 gr / 13,600 PSI	—

12 GA., 3 1/2", REMINGTON STEEL SHOTSHELLS (LEAD SHOT LOADS) (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1150 fps	1175 fps
2 1/4 oz	Longshot	Rem. 209P	Rem. RXP	31.0 gr / 13,700 PSI	—
2 1/4 oz	Longshot	Rem. 209P	WAA12	30.0 gr / 13,000 PSI	30.9 gr / 13,500 PSI

12 GA., 3 1/2", WINCHESTER STEEL SHOTSHELLS (LEAD SHOT LOADS)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1250 fps	1300 fps
1 7/8 oz	Longshot	Fed. 209A	Fed. 12S3 + 1–20 ga. .135" Card	35.5 gr / 13,400 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12 + 1–20 ga. .135" Card	35.9 gr / 13,000 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12SL + 1–20 ga. .135" Card	37.0 gr / 12,800 PSI	—
1 7/8 oz	Longshot	Win. 209	Fed. 12S3 + 1–20 ga. .135" Card	37.9 gr / 11,200 PSI	39.5 gr / 12,400 PSI
1 7/8 oz	Longshot	Win. 209	WAA12 + 1–20 ga. .135" Card	37.2 gr / 11,900 PSI	39.8 gr / 13,100 PSI
1 7/8 oz	Longshot	Win. 209	WAA12SL + 1–20 ga. .135" Card	38.6 gr / 11,100 PSI	—
				1200 fps	
2 oz	Longshot	Fed. 209A	Fed. 12S3 + 1–20 ga. .135" Card	34.2 gr / 13,400 PSI	
2 oz	Longshot	Fed. 209A	WAA12 + 1–20 ga. .135" Card	35.0 gr / 13,200 PSI	
2 oz	Longshot	Win. 209	Fed. 12S3 + 1–20 ga. .135" Card	38.0 gr / 11,300 PSI	
2 oz.	Longshot	Win. 209	WAA12 + 1–20 ga. .135" Card	36.0 gr / 12,800 PSI	
				1150 fps	
2 1/4 oz	Longshot	Rem. 209P	Fed. 12S4 + 1–20 ga. .135" Card	31.0 gr / 13,500 PSI	
2 1/4 oz	Longshot	Rem. 209P	Rem. R12H + 1–20 ga. .135" Card	31.5 gr / 12,400 PSI	
2 1/4 oz	Longshot	Rem. 209P	WAA12F114 + 1–20 ga. .135" Card	32.0 gr / 14,000 PSI	
2 1/4 oz	Longshot	Win. 209	Fed. 12S4	31.5 gr / 13,300 PSI	
2 1/4 oz	Longshot	Win. 209	Rem. R12H + 1–20 ga. .135" Card	32.0 gr / 13,200 PSI	
2 1/4 oz	Longshot	Win. 209	WAA12F114 + 1–20 ga. .135" Card	32.0 gr / 12,600 PSI	

16 GA., 2 3/4", FEDERAL HI POWER PLASTIC PAPER BASE WAD SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1165 fps	1220 fps	1275 fps	
1 oz	Universal	CCI 209M	Activ G-28	21.5 gr/ 7,500 PSI	22.5 gr/ 8,200 PSI	24.2 gr/ 9,000 PSI	
1 oz	Universal	Fed. 209A	BPG/BP	21.0gr / 7,400 PSI	22.0 gr/ 8,200 PSI	23.5 gr/ 9,200 PSI	
1 oz	Universal	Win. 209	WAA16	20.7 gr/ 7,600 PSI	22.3 gr/ 8,200 PSI	23.5 gr/ 8,900 PSI	
				1275 fps	1325 fps	1350 fps	1375 fps
1 oz	PB	Fed. 209A	WAA16	21.5 gr/ 11,000 PSI	—	—	—
1 oz	PB	Rem. 209P	Rem. SP16	—	—	25.0 gr/ 11,200 PSI	—
1 oz	PB	Win. 209	WAA16	—	23.5 gr / 11,200 PSI	—	—
1 oz	SR 7625	Fed. 209A	WAA16	—	—	24.5 gr/ 11,000 PSI	—
1 oz	SR 7625	Rem. 209P	Rem. SP16	—	—	—	26.5 gr/10,400 PSI
				1325 fps			
1 oz	SR 7625	Win. 209	WAA16`	25.0 gr/ 9,900 PSI			
				1200 fps	1250 fps	1350 fps	1375 fps
1 oz	SR 4756	Fed. 209A	WAA16	—	25.0 gr/ 8,500 PSI	—	—
1 oz	SR 4756	Rem. 209P	Rem. SP16	27.0 gr/ 6,400 PSI	—	—	—
1 oz	SR 4756	Win. 209	WAA16	25.0 gr/ 7,200 PSI\	—	—	—
1 oz	800-X	Fed. 209A	Rem. SP16	—	—	—	24.0 gr/10,400 PSI
1 oz	800-X	Rem. 209P	Rem. SP16	—	—	25.0 gr/ 8,300 PSI	—
1 oz	800-X	Win. 209	WAA16	—	—	—	24.5 gr/10,200 PSI

16 GA., 2 3/4", FEDERAL HI POWER PLASTIC PAPER BASE WAD SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1200 fps	1250 fps	1300 fps
1 1/8 oz	PB	Rem. 209P	Rem. SP16	21.0 gr/ 10,500 PSI	—	—
1 1/8 oz	PB	Win. 209	Rem. SP16	20.5 gr/ 11,000 PSI	—	—
1 1/8 oz	SR 7625	Fed. 209A	Rem. SP16	22.0 gr/ 11,000 PSI	—	—
1 1/8 oz	SR 7625	Rem. 209P	Rem. SP16	23.0 gr/ 9,000 PSI	—	—
1 1/8 oz	SR 7625	Win. 209	Rem. SP16	—	23.0 gr / 10,800 PSI	—
1 1/8 oz	800-X	Fed. 209A	Rem. SP16	—	—	22.5 gr/ 11,000 PSI
1 1/8 oz	800-X	Rem. 209P	Rem. SP16	—	—	24.5 gr/ 10,100 PSI
1 1/8 oz	800-X	Win. 209	Rem. SP16	—	—	22.5 gr/ 10,800 PSI

16 GA., 2 3/4", REMINGTON SP PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1165 fps	1220 fps	1275 fps	
1 oz	Universal	CCI 209M	BPG/BP	19.5 gr/ 8,400 PSI	20.5 gr/ 9,600 PSI	21.5 gr/ 10,300 PSI	
1 oz	Universal	Win. 209	REM. SP16	18.5 gr/ 8,800 PSI	19.8 gr/ 9,900 PSI	20.5 gr/ 10,400 PSI	
1 oz	Universal	Win. 209	WAA16	18.5 gr/ 9,000 PSI	19.5 gr/ 9,900 PSI	20.5 gr/ 10,400 PSI	
				1200 fps	1250 fps	1300 fps	1350 fps
1 oz	PB	Fed. 209A	Rem. SP16	17.5 gr/ 11,200 PSI	—	—	—
1 oz	PB	Rem. 209P	Rem. SP16	—	20.0 gr / 10,700 PSI	—	—
1 oz	PB	Win. 209	WAA16	19.0 gr/ 11,000 PSI	—	—	—
1 oz	SR 7625	Fed. 209A	Rem. SP16	—	21.0 gr / 11,200 PSI	—	—
1 oz	SR 7625	Rem. 209P	Rem. SP16	—	—	23.5 gr/ 11,200 PSI	—
1 oz	SR 7625	Win. 209	WAA16	—	—	22.5 gr/ 11,200 PSI	—
1 oz	SR 4756	Fed. 209A	Rem. SP16	—	—	23.5 gr/ 11,000 PSI	—
1 oz	SR 4756	Rem. 209P	Rem. SP16	—	—	—	29.0 gr/10,100 PSI
1 oz	800-X	Fed. 209A	Rem. SP16	—	—	20.5 gr/ 11,200 PSI	—
1 oz	800-X	Rem. 209P	Rem. SP16	—	—	—	24.0 gr/11,100 PSI
1 oz	800-X	Win. 209	WAA16	—	—	21.5 gr/ 11,000 PSI	—
				1175 fps	1200 fps	1225 fps	
1 1/8 oz	SR 7625	Rem. 209P	Rem. SP16	—	22.0 gr / 11,000 PSI	—	
1 1/8 oz	SR 7625	Win. 209	Rem. SP16	21.0 gr/ 10,900 PSI	—	—	
1 1/8 oz	SR 4756	Fed. 209A	Rem. SP16	22.0 gr/ 10,900 PSI	—	—	
1 1/8 oz	SR 4756	Rem. 209P	Rem. SP16	24.0 gr/ 9,500 PSI	—	—	
1 1/8 oz	SR 4756	Win. 209	Rem. SP16	—	—	23.5 gr/ 11,000 PSI	
1 1/8 oz	800-X	Fed. 209A	Rem. SP16	—	19.0 gr / 10,800 PSI	—	
1 1/8 oz	800-X	Rem. 209P	Rem. SP16	—	—	21.0 gr/ 10,800 PSI	
1 1/8 oz	800-X	Win. 209	Rem. SP16	—	—	19.5 gr/ 10,900 PSI	

16 GA., 2 3/4", WINCHESTER X-PERT PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1250 fps			
1 oz	PB	Fed. 209A	WAA16	19.5 gr/ 11,200 PSI			
1 oz	PB	Rem. 209P	Rem. SP16	21.0 gr/ 10,800 PSI			
				1200 fps	1250 fps	1300 fps	1350 fps
1 oz	PB	Win. 209	WAA16	19.0 gr/ 10,900 PSI	—	—	—
1 oz	SR 7625	Fed. 209A	WAA16	—	20.5 gr / 10,900 PSI	—	—
1 oz	SR 7625	Rem. 209P	Rem. SP16	—	—	23.0 gr/ 11,200 PSI	

16 GA., 2 3/4", REMINGTON SP PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps	1250 fps	1300 fps	1350 fps
1 oz	SR 7625	Win. 209	WAA16	—	22.0 gr / 11,000 PSI	—	—
1 oz	SR 4756	Fed. 209A	Rem. SP16	—	22.5 gr / 10,900 PSI	—	—
1 oz	SR 4756	Rem. 209P	Rem. SP16	—	—	—	27.0 gr / 9,900 PSI
1 oz	800-X	Fed. 209A	WAA16	—	—	—	22.5 gr / 10,800 PSI
1 oz	800-X	Rem. 209P	Rem. SP16	—	—	—	24.0 gr / 9,000 PSI
1 oz	800-X	Win. 209	WAA16	—	—	—	23.0 gr / 11,200 PSI
				1150 fps	1200 fps	1250 fps	
1 1/8 oz	SR 7625	Rem. 209P	Rem. SP16	19.5 gr / 10,900 PSI	—	—	
1 1/8 oz	SR 7625	Win. 209	Rem. SP16	19.0 gr / 10,900 PSI	—	—	
1 1/8 oz	SR 4756	Fed. 209A	Rem. SP16	20.5 gr / 10,800 PSI	—	—	
1 1/8 oz	SR 4756	Rem. 209P	Rem. SP16	23.0 gr / 8,900 PSI	—	—	
1 1/8 oz	SR 4756	Win. 209	Rem. SP16	—	22.5 gr / 11,100 PSI	—	
1 1/8 oz	800-X	Fed. 209A	Rem. SP16	—	19.0 gr / 10,900 PSI	—	
1 1/8 oz	800-X	Rem. 209P	Rem. SP16	—	—	22.0 gr / 10,100 PSI	
1 1/8 oz	800-X	Win. 209	Rem. SP16	—	20.0 gr / 11,000 PSI	—	

20 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1200 fps	1225 fps	1250 fps
7/8 oz	Internat'l	CCI 209SC	Fed. 20S1	15.0 gr / 11,100 PSI	15.6 gr / 11,800 PSI	—
7/8 oz	Internat'l	CCI 209SC	PC20	14.7 gr / 10,400 PSI	—	—
7/8 oz	Internat'l	CCI 209SC	Rem. RXP20	14.5 gr / 10,000 PSI	15.5 gr / 10,700 PSI	—
7/8 oz	Internat'l	CCI 209SC	WAA20F1	14.7 gr / 10,300 PSI	15.3 gr / 11,600 PSI	—
7/8 oz	Internat'l	CCI 209SC	Windjammer	15.0 gr / 10,700 PSI	15.5 gr / 11,800 PSI	—
7/8 oz	Internat'l	Fed. 209A	Fed. 20S1	14.5 gr / 11,500 PSI	—	—
7/8 oz	Internat'l	Fed. 209A	Rem. RXP20	14.7 gr / 11,100 PSI	—	—
7/8 oz	Internat'l	Fed. 209A	WAA20F1	14.5 gr / 11,500 PSI	—	—
7/8 oz	Internat'l	Fed. 209A	Windjammer	14.5 gr / 11,300 PSI	14.9 gr / 12,000 PSI	—
7/8 oz	Internat'l	Rem. 209P	Fed. 20S1	15.3 gr / 10,700 PSI	—	—
7/8 oz	Internat'l	Rem. 209P	WAA20F1	15.0 gr / 10,200 PSI	15.5 gr / 11,300 PSI	16.0 gr / 11,500 PSI
7/8 oz	Internat'l	Rem. 209P	Windjammer	15.3 gr / 10,700 PSI	16.0 gr / 11,400 PSI	—
7/8 oz	Internat'l	Win. 209	Fed. 20S1	14.6 gr / 11,400 PSI	—	—
7/8 oz	Internat'l	Win. 209	Rem. RXP20	14.7 gr / 10,200 PSI	15.3 gr / 11,300 PSI	—
7/8 oz	Internat'l	Win. 209	WAA20F1	14.5 gr / 10,500 PSI	15.1 gr / 11,500 PSI	—
7/8 oz	Internat'l	Win. 209	Windjammer	14.5 gr / 10,800 PSI	—	—
7/8 oz	Universal	Fed. 209A	Fed. 20S1	16.7 gr / 10,000 PSI	17.0 gr / 10,700 PSI	—
7/8 oz	Universal	Fed. 209A	PC20	17.0 gr / 10,000 PSI	—	—
7/8 oz	Universal	Fed. 209A	Rem. RXP20	17.0 gr / 9,800 PSI	17.7 gr / 10,200 PSI	18.0 gr / 10,400 PSI
7/8 oz	Universal	Fed. 209A	WAA20F1	17.0 gr / 10,100 PSI	17.5 gr / 10,500 PSI	17.8 gr / 10,800 PSI
7/8 oz	Universal	Fed. 209A	Windjammer	17.0 gr / 9,600 PSI	17.5 gr / 10,300 PSI	18.0 gr / 10,800 PSI
7/8 oz	Universal	Rem. 209P	Fed. 20S1	18.0 gr / 9,300 PSI	—	—
7/8 oz	Universal	Rem. 209P	Rem. RXP20	18.5 gr / 8,400 PSI	19.0 gr / 9,100 PSI	—
7/8 oz	Universall	Rem. 209P	WAA20F1	17.8 gr / 8,700 PSI	18.3 gr / 9,500 PSI	—
7/8 oz	Universal	Rem. 209P	Windjammer	18.0 gr / 8,900 PSI	18.5 gr / 9,400 PSI	—
7/8 oz	Universal	Win. 209	Fed. 20S1	17.4 gr / 9,600 PSI	18.0 gr / 10,300 PSI	—
7/8 oz	Universal	Win. 209	PC20	17.5 gr / 9,400 PSI	—	—

20 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps	1225 fps	1250 fps	
7/8 oz	Universal	Win. 209	Rem. RXP20	17.5 gr / 9,300 PSI	18.2 gr / 9,800 PSI	—	
7/8 oz	Universal	Win. 209	WAA20	17.0 gr / 9,300 PSI	17.5 gr / 9,900 PSI	18.0 gr / 10,200 PSI	
7/8 oz	Universal	Win. 209	WAA20F1	17.0 gr / 10,000 PSI	17.4 gr / 10,200 PSI	17.9 gr / 10,400 PSI	
7/8 oz	Universal	Win. 209	Windjammer	17.5 gr / 9,200 PSI	18.2 gr / 9,900 PSI	18.5 gr / 10,400 PSI	
				1300 fps	1350 fps	1400 fps	1450 fps
7/8 oz	Longshot	CCI209M	Fed. 20S1	20.5 gr / 8,900 PSI	21.5 gr / 9,800 PSI	22.6 gr / 10,900 PSI	—
7/8 oz	Longshot	CCI209M	Rem. RXP20	21.1 gr / 8,500 PSI	22.1 gr / 9,200 PSI	23.2 gr / 9,900 PSI	24.2 gr / 10,700 PSI
7/8 oz	Longshot	CCI209M	WAA20	21.0 gr / 8,700 PSI	21.7 gr / 9,700 PSI	22.3 gr / 10,600 PSI	—
7/8 oz	Longshot	Fed. 209A	Fed. 20S1	20.3 gr / 9,300 PSI	21.3 gr / 10,200 PSI	22.3 gr / 11,100 PSI	—
7/8 oz	Longshot	Fed. 209A	Rem. RXP20	20.5 gr / 8,800 PSI	21.6 gr / 9,800 PSI	22.7 gr / 10,700 PSI	23.8 gr / 11,800 PSI
7/8 oz	Longshot	Fed. 209A	WAA20	20.6 gr / 8,900 PSI	21.7 gr / 9,800 PSI	22.8 gr / 10,600 PSI	23.9 gr / 11,400 PSI
7/8 oz	Longshot	Rem. 209P	Fed. 20S1	20.6 gr / 8,800 PSI	21.7 gr / 9,700 PSI	22.8 gr / 10,500 PSI	24.0 gr / 11,900 PSI
7/8 oz	Longshot	Rem. 209P	Rem. RXP20	22.5 gr / 8,200 PSI	23.2 gr / 9,000 PSI	23.9 gr / 9,700 PSI	24.5 gr / 10,400 PSI
7/8 oz	Longshot	Rem. 209P	WAA20	20.8 gr / 8,600 PSI	21.9 gr / 9,400 PSI	22.9 gr / 10,200 PSI	24.0 gr / 11,000 PSI
7/8 oz	Longshot	Win. 209	Fed. 20S1	21.5 gr / 8,100 PSI	22.6 gr / 8,900 PSI	23.7 gr / 9,700 PSI	25.0 gr / 11,000 PSI
7/8 oz	Longshot	Win. 209	Rem. RXP20	—	24.1 gr / 7,700 PSI	24.9 gr / 8,700 PSI	25.7 gr / 9,600 PSI
7/8 oz	Longshot	Win. 209	WAA20	22.3 gr / 7,500 PSI	23.3 gr / 8,300 PSI	24.3 gr / 9,200 PSI	25.0 gr / 10,800 PSI
				1200 fps			
7/8 oz	700-X	Fed. 209A	Fed. 20S1	14.0 gr / 11,900 PSI			
7/8 oz	700-X	Fed. 209A	Rem. RXP20	14.5 gr / 11,500 PSI			
7/8 oz	700-X	Fed. 209A	WAA20	14.5 gr / 11,700 PSI			
7/8 oz	700-X	Fed. 209A	Windjammer	14.5 gr / 11,800 PSI			
7/8 oz	700-X	Rem. 209P	Fed. 20S1	14.5 gr / 11,600 PSI			
7/8 oz	700-X	Rem. 209P	Rem. RXP 20	15.0 gr / 11,100 PSI			
7/8 oz	700-X	Rem. 209P	WAA20	14.5 gr / 11,300 PSI			
7/8 oz	700-X	Rem. 209P	Windjammer	14.5 gr / 11,400 PSI			
7/8 oz	700-X	Win. 209	Rem. RXP 20	14.5 gr / 11,000 PSI			
7/8 oz	700-X	Win. 209	WAA20	14.5 gr / 11,200 PSI			
7/8 oz	700-X	Win. 209	Windjammer	14.5 gr / 11,200 PSI			
7/8 oz	PB	Fed. 209A	Fed. 20S1	17.5 gr / 10,000 PSI			
7/8 oz	PB	Fed. 209A	Rem. RXP 20	17.5 gr / 9,300 PSI			
7/8 oz	PB	Fed. 209A	WAA20	17.5 gr / 9,400 PSI			
7/8 oz	PB	Fed. 209A	Windjammer	17.5 gr / 9,500 PSI			
7/8 oz	PB	Rem. 209P	Fed. 20S1	17.5 gr / 9,400 PSI			
7/8 oz	PB	Rem. 209P	Rem. RXP 20	17.5 gr / 8,900 PSI			
7/8 oz	PB	Rem. 209P	WAA20	17.5 gr / 9,300 PSI			
7/8 oz	PB	Rem. 209P	Windjammer	18.0 gr / 9,500 PSI			
7/8 oz	PB	Win. 209	Fed. 20S1	17.5 gr / 10,100 PSI			
7/8 oz	PB	Win. 209	Rem. RXP 20	18.0 gr / 9,000 PSI			
7/8 oz	PB	Win. 209	WAA20	17.5 gr / 9,400 PSI			
7/8 oz	PB	Win. 209	Windjammer	17.5 gr / 9,500 PSI			
7/8 oz	SR 7625	Fed. 209A	Fed. 20S1	18.5 gr / 8,700 PSI			
7/8 oz	SR 7625	Fed. 209A	Rem. RXP20	19.0 gr / 8,700 PSI			
7/8 oz	SR 7625	Fed. 209A	WAA20	18.5 gr / 9,200 PSI			

20 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*
				1200 fps
7/8 oz	SR 7625	Fed. 209A	Windjammer	18.5 gr/ 8,600 PSI
7/8 oz	SR 7625	Rem. 209P	Fed. 20S1	19.0 gr/ 8,300 PSI
7/8 oz	SR 7625	Rem. 209P	Rem. RXP 20	19.5 gr/ 8,300 PSI
7/8 oz	SR 7625	Rem. 209P	WAA20	18.5 gr/ 8,500 PSI
7/8 oz	SR 7625	Rem. 209P	Windjammer	19.0 gr/ 8,300 PSI
7/8 oz	SR 7625	Win. 209	Fed. 20S1	18.5 gr/ 8,600 PSI
7/8 oz	SR 7625	Win. 209	Rem. RXP20	18.5 gr/ 8,500 PSI
7/8 oz	SR 7625	Win. 209	WAA20	18.5 gr/ 8,400 PSI
7/8 oz	SR 7625	Win. 209	Windjammer	19.0 gr/ 9,100 PSI
7/8 oz	SR 4756	Fed. 209A	Fed. 20S1	20.5 gr/ 8,700 PSI
7/8 oz	SR 4756	Fed. 209A	Rem. RXP20	21.0 gr/ 7,800 PSI
7/8 oz	SR 4756	Fed. 209A	WAA20F1	20.5 gr/ 8,500 PSI
7/8 oz	SR 4756	Fed. 209A	Windjammer	20.5 gr/ 8,700 PSI
7/8 oz	SR 4756	Rem. 209P	Fed. 20S1	21.5 gr/ 7,600 PSI
7/8 oz	SR 4756	Rem. 209P	Rem. RXP20	21.5 gr/ 7,000 PSI
7/8 oz	SR 4756	Rem. 209P	WAA20F1	21.5 gr/ 7,900 PSI
7/8 oz	SR 4756	Rem. 209P	Windjammer	21.5 gr/ 7,900 PSI
7/8 oz	SR 4756	Win. 209	Fed. 20S1	20.5 gr/ 8,500 PSI
7/8 oz	SR 4756	Win. 209	Rem. RXP 20	21.0 gr/ 7,900 PSI
7/8 oz	SR 4756	Win. 209	WAA20F1	20.5 gr/ 8,200 PSI
7/8 oz	SR 4756	Win. 209	Windjammer	20.5 gr/ 8,300 PSI
7/8 oz	800-X	Fed. 209A	Fed. 20S1	17.0 gr/ 8,200 PSI
7/8 oz	800-X	Fed. 209A	Rem. RXP20	17.5 gr/ 7,600 PSI
7/8 oz	800-X	Fed. 209A	WAA20	17.5 gr/ 8,000 PSI
7/8 oz	800-X	Fed. 209A	Windjammer	17.5 gr/ 8,000 PSI
7/8 oz	800-X	Rem. 209P	Fed. 20S1	17.5 gr/ 7,900 PSI
7/8 oz	800-X	Rem. 209P	Rem. RXP 20	18.0 gr/ 7,600 PSI
7/8 oz	800-X	Rem. 209P	WAA20	17.5 gr/ 7,600 PSI
7/8 oz	800-X	Rem. 209P	Windjammer	17.0 gr/ 7,300 PSI
7/8 oz	800-X	Win. 209	Fed. 20S1	17.5 gr/ 8,300 PSI
7/8 oz	800-X	Win. 209	Rem. RXP 20	17.5 gr/ 8,000 PSI
7/8 oz	800-X	Win. 209	WAA20	17.5 gr/ 8,100 PSI
7/8 oz	800-X	Win. 209	Windjammer	17.5 gr/ 8,000 PSI
				1165 fps / 1220 fps / 1250 fps
1 oz	HS-6	CCI 209M	WAA20F1	21.5 gr/ 9,800 PSI / 23.0 gr / 11,200 PSI / —
1 oz	HS-6	CCI 209M	REM SP20	21.3 gr/ 10,000 PSI / 22.5 gr / 10,800 PSI / —
1 oz	HS-6	Fed. 209A	REM SP20	21.0 gr/ 10,100 PSI / 22.5 gr / 11,300 PSI / —
1 oz	HS-6	Fed. 209A	WAA20F1	21.0 gr/ 9,700 PSI / 22.5 gr / 11,200 PSI / —
1 oz	HS-6	Win. 209	REM SP20	21.5 gr/ 9,900 PSI / 23.0 gr / 10,900 PSI / 24.0 gr / 11,700 PSI
1 oz	HS-6	Win. 209	WAA20F1	21.5 gr/ 10,100 PSI / 23.0 gr / 11,700 PSI / —
				1165 fps / 1220 fps / 1275 fps
1 oz	Longshot	CCI 209M	Fed. 20S1	17.7 gr/ 9,200 PSI / 19.1 gr / 10,500 PSI / 20.5 gr / 11,800 PSI
1 oz	Longshot	CCI 209M	Rem. SP20	— / 19.5 gr / 10,400 PSI / 20.6 gr / 11,800 PSI

20 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*
				1165 fps / 1220 fps / 1275 fps
1 oz	Longshot	CCI 209M	WAA20F1	— / 18.9 gr / 10,400 PSI / 20.5 gr / 11,800 PSI
1 oz	Longshot	Fed. 209A	Fed. 20S1	16.8 gr/ 9,400 PSI / 18.5 gr / 10,600 PSI / 20.3 gr / 11,800 PSI
1 oz	Longshot	Fed. 209A	Rem. SP20	17.4 gr/ 9,400 PSI / 18.9 gr / 10,500 PSI / 20.4 gr / 11,700 PSI
1 oz	Longshot	Fed. 209A	WAA20F1	17.7 gr/ 9,100 PSI / 18.9 gr / 10,100 PSI / 20.2 gr / 11,200 PSI
1 oz	Longshot	Rem. 209P	Fed. 20S1	17.7 gr/ 8,700 PSI / 19.0 gr / 10,100 PSI / 20.2 gr / 11,400 PSI
1 oz	Longshot	Rem. 209P	Rem. RXP20	19.0 gr/ 8,700 PSI / 19.8 gr/ 9,600 PSI / 20.7 gr / 10,600 PSI
1 oz	Longshot	Rem. 209P	WAA20F1	17.1 gr/ 9,100 PSI / 18.8 gr / 10,000 PSI / 20.6 gr / 10,900 PSI
1 oz	Longshot	Win. 209	Fed. 20S1	18.6 gr/ 9,000 PSI / 19.7 gr/ 9,900 PSI / 20.9 gr / 10,800 PSI
1 oz	Longshot	Win. 209	Rem. RXP20	19.8 gr/ 8,100 PSI / 20.7 gr/ 8,900 PSI / 21.5 gr/ 9,700 PSI
1 oz	Longshot	Win. 209	WAA20F1	17.8 gr/ 8,400 PSI / 19.5 gr/ 9,400 PSI / 21.0 gr / 10,300 PSI
				1250 fps / 1275 fps / 1300 fps / 1325 fps
1 oz	SR 7625	Rem. 209P	Rem. SP 20	21.0 gr/ 11,400 PSI / — / — / —
1 oz	SR 7625	Win. 209	WAA20F1	20.5 gr/ 11,600 PSI / — / — / —
1 oz	800-X	Fed. 209A	Fed. 20S1	19.0 gr/ 11,500 PSI / — / — / —
1 oz	800-X	Fed. 209A	Rem. SP 20	18.5 gr/ 11,600 PSI / — / — / —
1 oz	800-X	Fed. 209A	WAA20F1	— / 19.0 gr / 11,800 PSI / — / —
1 oz	800-X	Rem. 209P	Fed. 20S1	— / 20.0 gr / 11,100 PSI / — / —
1 oz	800-X	Rem. 209P	Rem. SP 20	— / — / — / 21.0 gr / 11,400 PSI
1 oz	800-X	Rem. 209P	WAA20F1	— / — / — / 21.0 gr / 11,600 PSI
1 oz	800-X	Win. 209	Fed. 20S1	— / 19.5 gr / 11,600 PSI / — / —
1 oz	800-X	Win. 209	Rem. SP 20	— / — / 20.0 gr / 11,700 PSI / —
1 oz	800-X	Win. 209	WAA20F1	— / — / 19.5 gr / 11,500 PSI / —

20 GA., 2 3/4", REMINGTON RXP, PREMIER AND STS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*
				1150 fps / 1200 fps / 1250 fps
3/4 oz	Internat'l	CCI 209M	PC20	12.2 gr/ 9,400 PSI / 13.0 gr / 10,800 PSI / —
3/4 oz	Internat'l	CCI 209M	WAA20	12.0 gr/ 9,200 PSI / 13.1 gr / 10,700 PSI / —
3/4 oz	Internat'l	Rem. 209P	PC20	12.5 gr/ 8,400 PSI / 13.7 gr/ 9,500 PSI / —
3/4 oz	Internat'l	Rem. 209P	WAA20	12.5 gr/ 8,600 PSI / 13.6 gr / 10,600 PSI / —
3/4 oz	Internat'l	Win. 209	PC20	12.5 gr/ 9,000 PSI / 13.2 gr / 10,200 PSI / 14.2 gr / 11,800 PSI
3/4 oz	Internat'l	Win. 209	WAA20	12.0 gr/ 9,000 PSI / 13.2 gr / 10,400 PSI / —
				1100 fps / 1150 fps
7/8 oz Lt.	Internat'l	Ched. 209	Rem. RXP20	12.9 gr/ 10,200 PSI / 13.1 gr / 10,500 PSI
7/8 oz Lt.	Internat'l	Rem. 209P	Rem. RXP20	12.9 gr/ 9,900 PSI / 13.4 gr / 11,000 PSI
7/8 oz Lt.	Internat'l	Win. 209	Rem. RXP20	— / 13.4 gr / 10,900 PSI
7/8 oz Lt.	Universal	Ched. 209	DRV-20	15.0 gr/ 9,300 PSI / 15.4 gr/ 9,700 PSI
7/8 oz Lt.	Universal	Ched. 209	Rem. RXP20	15.0 gr/ 8,900 PSI / 15.5 gr/ 9,500 PSI
7/8 oz Lt.	Universal	Ched. 209	WAA20	14.5 gr/ 9,700 PSI / —
7/8 oz Lt.	Universal	Rem. 209P	DRV-20	15.0 gr/ 9,200 PSI / 15.7 gr/ 9,900 PSI
7/8 oz Lt.	Universal	Rem. 209P	Rem. RXP20	15.2 gr/ 9,100 PSI / 15.6 gr/ 9,300 PSI
7/8 oz Lt.	Universal	Rem. 209P	WAA20	14.5 gr/ 9,700 PSI / —
7/8 oz Lt.	Universal	Win. 209	DRV-20	14.8 gr/ 9,500 PSI / 15.3 gr / 10,100 PSI
7/8 oz Lt.	Universal	Win. 209	Rem. RXP20	15.0 gr/ 9,300 PSI / 15.5 gr/ 9,500 PSI
7/8 oz Lt.	Universal	Win. 209	WAA20	14.5 gr/ 10,100 PSI / —
7/8 oz Lt.	PB	Ched. 209	DRV-20	14.5 gr/ 10,300 PSI / 15.0 gr / 11,100 PSI

20 GA., 2 3/4", REMINGTON RXP, PREMIER AND STS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1100 fps	1150 fps	
7/8 oz Lt.	PB	Ched. 209	Rem. RXP20	14.4 gr/ 9,300 PSI	15.0 gr / 10,100 PSI	
7/8 oz Lt.	PB	Rem. 209P	DRV-20	14.4 gr/ 9,700 PSI	15.0 gr / 10,700 PSI	
7/8 oz Lt.	PB	Rem. 209P	Rem. RXP20	14.5 gr/ 9,300 PSI	15.0 gr / 9,900 PSI	
7/8 oz Lt.	PB	Win. 209	DRV-20	14.5 gr/ 10,200 PSI	15.0 gr / 10,800 PSI	
7/8 oz Lt.	PB	Win. 209	Rem. RXP20	14.5 gr/ 9,200 PSI	15.0 gr / 10,100 PSI	
7/8 oz Lt.	Super Hcp	Ched. 209	WAA20	12.4 gr/ 10,700 PSI	12.9 gr / 11,500 PSI	
7/8 oz Lt.	Super Hcp	Rem. 209P	WAA20	12.4 gr/ 10,600 PSI	12.9 gr / 11,800 PSI	
7/8 oz Lt.	Super Hcp	Win. 209	WAA20	12.4 gr/ 10,300 PSI	12.9 gr / 11,400 PSI	
				1200 fps	1225 fps	1250 fps
7/8 oz	Internat'l	Rem. 209P	RXP20	14.0 gr/ 10,700 PSI	—	—
7/8 oz	Internat'l	Win. 209	PC20	14.0 gr/ 11,000 PSI	—	—
7/8 oz	Internat'l	Win. 209	WAA20	14.0 gr/ 11,900 PSI	—	—
7/8 oz	Universal	Fed. 209A	Fed. 20S1	15.0 gr/ 11,900 PSI	—	—
7/8 oz	Universal	Fed. 209A	Rem. RXP 20	15.4 gr/ 10,700 PSI	15.9 gr / 11,300 PSI	—
7/8 oz	Universal	Fed. 209A	WAA20F1	15.0 gr/ 11,200 PSI	15.5 gr / 12,000 PSI	—
7/8 oz	Universal	Rem. 209P	Fed. 20S1	16.0 gr/ 10,700 PSI	16.2 gr / 11,100 PSI	16.5 gr / 11,400 PSI
7/8 oz	Universal	Rem. 209P	Rem. RXP 20	15.8 gr/ 9,900 PSI	16.7 gr / 10,700 PSI	—
7/8 oz	Universal	Rem. 209P	WAA20F1	15.6 gr/ 10,500 PSI	16.0 gr / 11,000 PSI	16.5 gr / 11,200 PSI
7/8 oz	Universal	Rem. 209P	Windjammer	16.0 gr/ 10,600 PSI	16.5 gr / 11,200 PSI	—
7/8 oz	Universal	Win. 209	Fed. 20S1	15.5 gr/ 10,800 PSI	16.0 gr / 11,500 PSI	—
7/8 oz	Universal	Win. 209	Rem. RXP 20	16.0 gr/ 10,400 PSI	16.7 gr / 11,400 PSI	—
7/8 oz	Universal	Win. 209	Windjammer	16.0 gr/ 10,800 PSI	16.5 gr / 11,500 PSI	—
				1250 fps	1300 fps	1350 fps
7/8 oz	Longshot	CCI209M	Fed. 20S1	16.9 gr/ 10,400 PSI	18.0 gr / 11,600 PSI	—
7/8 oz	Longshot	CCI209M	PC20	17.7 gr/ 9,500 PSI	18.4 gr / 10,600 PSI	19.6 gr / 12,000 PSI
7/8 oz	Longshot	CCI209M	Rem. RXP20	17.7 gr/ 9,500 PSI	18.7 gr / 10,800 PSI	19.6 gr / 12,000 PSI
7/8 oz	Longshot	CCI209M	WAA20	17.0 gr/ 10,700 PSI	18.1 gr / 11,700 PSI	—
7/8 oz	Longshot	CCI209M	Windjammer	17.3 gr/ 10,000 PSI	18.1 gr / 11,300 PSI	—
7/8 oz	Longshot	Fed. 209A	Fed. 20S1	17.5 gr/ 10,800 PSI	18.3 gr / 12,000 PSI	—
7/8 oz	Longshot	Fed. 209A	PC20	17.6 gr/ 10,200 PSI	18.6 gr / 11,200 PSI	—
7/8 oz	Longshot	Fed. 209A	Rem. RXP20	17.6 gr/ 10,100 PSI	18.6 gr / 11,200 PSI	—
7/8 oz	Longshot	Fed. 209A	WAA20	17.1 gr/ 10,600 PSI	18.3 gr / 11,700 PSI	—
7/8 oz	Longshot	Fed. 209A	Windjammer	17.2 gr/ 10,400 PSI	18.5 gr / 11,900 PSI	—
7/8 oz	Longshot	Rem. 209P	Fed. 20S1	17.5 gr/ 10,200 PSI	18.4 gr / 11,600 PSI	—
7/8 oz	Longshot	Rem. 209P	PC20	17.7 gr/ 9,500 PSI	18.8 gr / 10,700 PSI	19.9 gr / 11,900 PSI
				1250 fps	1300 fps	1350 fps
7/8 oz	Longshot	Rem. 209P	Rem. RXP20	17.6 gr/ 9,600 PSI	18.9 gr / 11,200 PSI	—
7/8 oz	Longshot	Rem. 209P	WAA20	17.3 gr/ 10,300 PSI	18.5 gr / 11,800 PSI	—
7/8 oz	Longshot	Rem. 209P	Windjammer	17.8 gr/ 10,100 PSI	18.9 gr / 11,200 PSI	—
7/8 oz	Longshot	Win. 209	PC20	18.8 gr/ 8,700 PSI	19.8 gr / 10,100 PSI	20.7 gr / 11,300 PSI
7/8 oz	Longshot	Win. 209	Rem. RXP20	18.2 gr/ 9,100 PSI	19.4 gr / 10,300 PSI	20.6 gr / 11,500 PSI
7/8 oz	Longshot	Win. 209	WAA20	17.9 gr/ 9,900 PSI	19.0 gr / 11,200 PSI	—
7/8 oz	Longshot	Win. 209	Windjammer	18.4 gr/ 9,000 PSI	19.4 gr / 10,500 PSI	20.3 gr / 12,000 PSI
7/8 oz	Longshot	Win. 209	Fed. 20S1	18.1 gr/ 10,000 PSI	19.1 gr / 11,100 PSI	20.1 gr / 12,000 PSI

20 GA., 2 3/4", REMINGTON RXP, PREMIER AND STS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps			
7/8 oz	PB	Fed. 209A	Rem. RXP 20	16.0 gr/ 11,600 PSI			
7/8 oz	PB	Fed. 209A	WAA20F1	16.0 gr/ 11,900 PSI			
7/8 oz	PB	Fed. 209A	Windjammer	15.5 gr/ 11,900 PSI			
7/8 oz	PB	Rem. 209P	CB 1078-20	16.0 gr/ 11,800 PSI			
7/8 oz	PB	Rem. 209P	Fed. 20S1	15.5 gr/ 11,800 PSI			
7/8 oz	PB	Rem. 209P	Rem. RXP20	16.0 gr/ 11,000 PSI			
7/8 oz	PB	Rem. 209P	WAA20F1	16.0 gr/ 11,400 PSI			
7/8 oz	PB	Rem. 209P	Windjammer	16.0 gr/ 11,700 PSI			
7/8 oz	PB	Win. 209	Rem. RXP20	16.0 gr/ 11,100 PSI			
7/8 oz	PB	Win. 209	WAA20F1	16.0 gr/ 11,100 PSI			
7/8 oz	PB	Win. 209	Windjammer	16.0 gr/ 11,700 PSI			
7/8 oz	SR 7625	Fed. 209A	Fed. 20S1	16.5 gr/ 12,000 PSI			
7/8 oz	SR 7625	Fed. 209A	Rem. RXP 20	17.0 gr/ 11,000 PSI			
7/8 oz	SR 7625	Fed. 209A	WAA20	16.5 gr/ 12,000 PSI			
7/8 oz	SR 7625	Fed. 209A	Windjammer	16.5 gr/ 11,400 PSI			
7/8 oz	SR 7625	Rem. 209P	Fed. 20S1	17.0 gr/ 11,100 PSI			
7/8 oz	SR 7625	Rem. 209P	RXP20	17.0 gr/ 10,100 PSI			
7/8 oz	SR 7625	Rem. 209P	Windjammer	17.0 gr/ 11,000 PSI			
7/8 oz	SR 7625	Rem. 209P	WAA20	17.0 gr/ 11,000 PSI			
7/8 oz	SR 7625	Win. 209	Fed. 20S1	17.0 gr/ 11,800 PSI			
7/8 oz	SR 7625	Win. 209	Rem. RXP20	17.0 gr/ 10,300 PSI			
7/8 oz	SR 7625	Win. 209	WAA20	17.0 gr/ 10,900 PSI			
7/8 oz	SR 7625	Win. 209	Windjammer	17.0 gr/ 10,800 PSI			
7/8 oz	SR 4756	Fed. 209A	Rem. SP 20	17.5 gr/ 10,600 PSI			
7/8 oz	SR 4756	Fed. 209A	WAA20F1	17.5 gr/ 10,200 PSI			
7/8 oz	SR 4756	Rem. 209P	Rem. SP 20	18.5 gr/ 10,200 PSI			
7/8 oz	SR 4756	Rem. 209P	WAA20F1	18.5 gr/ 9,500 PSI			
7/8 oz	SR 4756	Win. 209	Rem. SP 20	18.5 gr/ 10,300 PSI			
7/8 oz	SR 4756	Win. 209	WAA20F1	19.0 gr/ 9,600 PSI			
7/8 oz	800-X	Fed. 209A	Fed. 20S1	16.0 gr/ 10,000 PSI			
7/8 oz	800-X	Fed. 209A	Rem. RXP 20	16.0 gr/ 9,100 PSI			
7/8 oz	800-X	Fed. 209A	WAA20	16.0 gr/ 9,300 PSI			
7/8 oz	800-X	Fed. 209A	Windjammer	16.0 gr/ 9,500 PSI			
7/8 oz	800-X	Rem. 209P	Fed. 20S1	16.0 gr/ 9,600 PSI			
7/8 oz	800-X	Rem. 209P	Rem. RXP 20	16.5 gr/ 9,100 PSI			
7/8 oz	800-X	Rem. 209P	WAA20	16.5 gr/ 9,100 PSI			
7/8 oz	800-X	Rem. 209P	Windjammer	16.5 gr/ 9,500 PSI			
7/8 oz	800-X	Win. 209	Fed. 20S1	16.0 gr/ 9,600 PSI			
7/8 oz	800-X	Win. 209	Rem. RXP20	16.5 gr/ 9,500 PSI			
7/8 oz	800-X	Win. 209	WAA20	16.0 gr/ 9,300 PSI			
7/8 oz	800-X	Win. 209	Windjammer	16.0 gr/ 9,500 PSI			
7/8 oz	WSF	CCI 209	Fed. 20S1	17.5 gr/ 11,100 PSI	–	–	–
7/8 oz	WSF	CCI 209	Rem. RXP20	17.5 gr/ 9,700 PSI	–	–	–
7/8 oz	WSF	CCI 209	WAA20	17.0 gr/ 10,500 PSI	–	–	–

20 GA., 2 3/4", REMINGTON RXP, PREMIER AND STS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps			
7/8 oz	WSF	Win. 209	Fed. 20S1	17.0 gr/11,300 PSI	–	–	–
7/8 oz	WSF	Win. 209	Rem. RXP20	17.5 gr/10,600 PSI	–	–	–
7/8 oz	WSF	Win. 209	WAA20	17.0 gr/10,500 PSI	–	–	–
				1165 fps	1220 fps		
1 oz	HS-6	CCI 209	Rem. SP 20	20.5 gr/11,500 PSI	—		
1 oz	HS-6	CCI 209	WAA20F1	20.5 gr/11,900 PSI	—		
1 oz	HS-6	CCI 209	Windjammer	19.6 gr/11,200 PSI	—		
1 oz	HS-6	CCI 209M	Fed. 20S1	19.5 gr/11,600 PSI	—		
1 oz	HS-6	CCI 209M	WAA20F1	19.7 gr/11,300 PSI	—		
1 oz	HS-6	Fed. 209A	Rem. SP 20	19.5 gr/11,400 PSI	—		
1 oz	HS-6	Fed. 209A	WAA20F1	19.5 gr/11,100 PSI	—		
1 oz	HS-6	Rem. 209P	Fed. 20S1	20.0 gr/10,900 PSI	—		
1 oz	HS-6	Rem. 209P	WAA20F1	20.4 gr/10,900 PSI	21.6 gr/11,700 PS		
1 oz	HS-6	Rem. 209P	Windjammer	20.8 gr/10,900 PSI	—		
1 oz	HS-6	Win. 209	Fed. 20S1	19.7 gr/11,500 PSI	—		
1 oz	HS-6	Win. 209	Rem. SP 20	20.0 gr/11,200 PSI	—		
1 oz	HS-6	Win. 209	WAA20F1	20.3 gr/11,200 PSI	—		
1 oz	HS-6	Win. 209	Windjammer	20.0 gr/11,200 PSI	—		
1 oz	Longshot	CCI 209M	Rem. SP20	16.5 gr/11,700 PSI	—		
1 oz	Longshot	CCI 209M	WAA20F1	16.5 gr/11,000 PSI	—		
1 oz	Longshot	Fed. 209A	WAA20F1	15.9 gr/11,200 PSI	16.5 gr/12,000 PSI		
1 oz	Longshot	Rem. 209P	Rem. SP20	16.0 gr/11,100 PSI	—		
1 oz	Longshot	Rem. 209P	WAA20F1	15.9 gr/10,900 PSI	17.3 gr/12,000 PSI		
1 oz	Longshot	Win. 209	Rem. SP20	16.0 gr/10,400 PSI	17.8 gr/12,000 PSI		
1 oz	Longshot	Win. 209	WAA20F1	16.3 gr/ 9,900 PSI	18.0 gr/12,000 PSI		
				1150 fps	1175 fps	1200 fps	
1 oz	SR 4756	Rem. 209P	Rem. SP 20	—	—	19.5 gr/11,500 PSI	
1 oz	SR 4756	Win. 209	Rem. SP 20	18.5 gr/11,700 PSI	—	—	
1 oz	800-X	Fed. 209A	Rem. SP 20	—	16.0 gr/11,800 PSI		
1 oz	800-X	Fed. 209A	WAA20F1	15.5 gr/11,800 PSI	—	—	
1 oz	800-X	Rem. 209P	Fed. 20S1	16.0 gr/11,200 PSI	—	—	
1 oz	800-X	Rem. 209P	Rem. SP 20	—	—	17.5 gr/11,900 PSI	
1 oz	800-X	Rem. 209P	WAA20F1	—	—	17.0 gr/11,700 PSI	
1 oz	800-X	Win. 209	Fed. 20S1	16.0 gr/11,700 PSI	—	—	
1 oz	800-X	Win. 209	Rem. RXP 20	—	—	17.0 gr/11,800 PSI	
1 oz	800-X	Win. 209	WAA20F1	—	—	16.5 gr/11,800 PSI	

20 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1150 fps	1200 fps	1250 fps
3/4 oz	Internat'l	CCI 209M	PC20	12.3 gr/10,200 PSI	13.1 gr/11,900 PSI	—
3/4 oz	Internat'l	CCI 209M	WAA20	12.1 gr/10,100 PSI	12.7 gr/11,500 PSI	—
3/4 oz	Internat'l	Rem. 209P	PC20	12.5 gr/ 9,000 PSI	14.0 gr/10,900 PSI	—
3/4 oz	Internat'l	Rem. 209P	WAA20	12.1 gr/ 9,000 PSI	13.2 gr/10,500 PSI	—
3/4 oz	Internat'l	Win. 209	PC20	12.2 gr/10,400 PSI	13.0 gr/11,300 PSI	—
3/4 oz	Internat'l	Win. 209	WAA20	12.0 gr/10,100 PSI	13.0 gr/11,700 PSI	—

20 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1100 fps	1150 fps
7/8 oz Lt.	Universal	Ched. 209	DRV-20	14.5 gr/10,100 PSI	15.5 gr/11,800 PSI
7/8 oz Lt.	Universal	Ched. 209	Rem. RXP20	15.0 gr/ 9,800 PSI	15.5 gr/10,400 PSI
7/8 oz Lt.	Universal	Rem. 209P	DRV-20	14.8 gr/ 9,900 PSI	15.5 gr/11,500 PSI
7/8 oz Lt.	Universal	Rem. 209P	Rem. RXP20	14.7 gr/ 9,100 PSI	15.0 gr/ 9,700 PSI
7/8 oz Lt.	Universal	Win. 209	DRV-20	14.5 gr/10,500 PSI	15.0 gr/11,400 PSI
7/8 oz Lt.	Universal	Win. 209	Rem. RXP20	14.4 gr/ 9,600 PSI	14.8 gr/10,100 PSI
7/8 oz Lt.	PB	Ched. 209	DRV-20	14.1 gr/10,800 PSI	14.7 gr/11,600 PSI
7/8 oz Lt.	PB	Ched. 209	Rem. RXP20	14.0 gr/10,800 PSI	14.8 gr/10,800 PSI
7/8 oz Lt.	PB	Rem. 209P	DRV-20	14.2 gr/10,500 PSI	14.8 gr/11,600 PSI
7/8 oz Lt.	PB	Rem. 209P	Rem. RXP20	14.3 gr/ 9,400 PSI	14.8 gr/10,300 PSI
7/8 oz Lt.	PB	Win. 209	DRV-20	14.2 gr/10,900 PSI	14.8 gr/11,600 PSI
7/8 oz Lt.	PB	Win. 209	Rem. RXP20	14.5 gr/ 9,700 PSI	15.0 gr/10,700 PSI
7/8 oz Lt.	Super Hcp	Ched. 209	WAA20	12.3 gr/11,000 PSI	—
7/8 oz Lt.	Super Hcp	Rem. 209P	WAA20	12.3 gr/11,000 PSI	12.9 gr/11,900 PSI
7/8 oz Lt.	Super Hcp	Win. 209	WAA20	12.4 gr/11,000 PSI	12.9 gr/11,800 PSI
				1200 fps	
7/8 oz	Internat'l	Rem. 209P	Rem. RXP20	14.0 gr/10,800 PSI	
7/8 oz	Internat'l	Win. 209	PC20	14.0 gr/11,200 PSI	
7/8 oz	Internat'l	Win. 209	WAA20	14.0 gr/11,800 PSI	
7/8 oz	Universal	CCI 209SC	Fed. 20S1	14.6 gr/11,800 PSI	
7/8 oz	Universal	CCI 209SC	PC20	15.5 gr/11,600 PSI	
7/8 oz	Universal	CCI 209SC	Rem. RXP20	15.3 gr/11,100 PSI	
7/8 oz	Universal	CCI 209SC	WAA20F1	15.1 gr/11,600 PSI	
7/8 oz	Universal	CCI 209SC	Windjammer	15.5 gr/11,900 PSI	
7/8 oz	Universal	Fed. 209A	Fed. 20S1	14.3 gr/12,000 PSI	
7/8 oz	Universal	Fed. 209A	PC20	14.7 gr/11,900 PSI	
7/8 oz	Universal	Fed. 209A	Rem. RXP20	14.8 gr/11,400 PSI	
7/8 oz	Universal	Fed. 209A	WAA20F1	14.6 gr/12,000 PSI	
7/8 oz	Universal	Fed. 209A	Windjammer	15.8 gr/11,700 PSI	
7/8 oz	Universal	Rem. 209P	Fed. 20S1	15.3 gr/11,500 PSI	
7/8 oz	Universal	Rem. 209P	PC20	15.5 gr/11,100 PSI	
7/8 oz	Universal	Rem. 209P	Rem. RXP20	15.8 gr/ 9,800 PSI	
7/8 oz	Universal	Rem. 209P	WAA20F1	15.3 gr/11,600 PSI	
7/8 oz	Universal	Rem. 209P	Windjammer	16.0 gr/11,700 PSI	
7/8 oz	Universal	Win. 209	Fed. 20S1	14.7 gr/12,000 PSI	
7/8 oz	Universal	Win. 209	Rem. RXP20	15.0 gr/11,000 PSI	
7/8 oz	Universal	Win. 209	Windjammer	15.0 gr/11,800 PSI	
7/8 oz	Universal	Win. 209	WAA20	15.5 gr/10,200 PSI	
				1250 fps	1300 fps	1350 fps
7/8 oz	Longshot	CCI209M	Fed. 20S1	17.3 gr/11,000 PSI	—	—
7/8 oz	Longshot	CCI209M	PC20	17.4 gr/11,000 PSI	18.5 gr/11,800 PSI	—
7/8 oz	Longshot	CCI209M	Rem.RXP20	17.7 gr/ 9,800 PSI	18.5 gr/11,200 PSI	—
7/8 oz	Longshot	CCI209M	WAA20	17.2 gr/10,900 PSI	18.0 gr/11,900 PSI	—
7/8 oz	Longshot	CCI209M	Windjammer	17.6 gr/10,700 PSI	18.4 gr/12,000 PSI	—

20 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1250 fps	1300 fps	1350 fps
7/8 oz	Longshot	Fed. 209A	Fed. 20S1	17.5 gr/ 11,800 PSI	—	—
7/8 oz	Longshot	Fed. 209A	PC20	17.8 gr/ 11,000 PSI	18.4 gr / 11,900 PSI	—
7/8 oz	Longshot	Fed. 209A	Rem.RXP20	17.8 gr/ 11,400 PSI	18.9 gr / 12,000 PSI	—
7/8 oz	Longshot	Fed. 209A	WAA20	17.4 gr/ 11,900 PSI	—	—
7/8 oz	Longshot	Fed. 209A	Windjammer	17.4 gr/ 11,200 PSI	18.5 gr / 12,000 PSI	—
7/8 oz	Longshot	Rem. 209P	Fed. 20S1	17.6 gr/ 10,800 PSI	18.5 gr / 12,000 PSI	—
7/8 oz	Longshot	Rem. 209P	PC20	17.9 gr/ 10,900 PSI	18.6 gr / 11,600 PSI	—
7/8 oz	Longshot	Rem. 209P	Rem.RXP20	17.7 gr/ 10,400 PSI	18.7 gr / 11,400 PSI	—
7/8 oz	Longshot	Rem. 209P	WAA20	17.2 gr/ 11,100 PSI	18.4 gr / 11,800 PSI	—
7/8 oz	Longshot	Rem. 209P	Windjammer	17.9 gr/ 10,700 PSI	18.5 gr / 11,900 PSI	—
7/8 oz	Longshot	Win. 209	Fed. 20S1	17.6 gr/ 10,600 PSI	18.6 gr / 11,400 PSI	—
7/8 oz	Longshot	Win. 209	PC20	18.3 gr/ 9,600 PSI	19.4 gr / 10,600 PSI	20.5 gr/ 11,600 PSI
7/8 oz	Longshot	Win. 209	Rem.RXP20	18.4 gr/ 9,800 PSI	19.3 gr / 10,700 PSI	—
7/8 oz	Longshot	Win. 209	WAA20	17.8 gr/ 10,600 PSI	18.6 gr / 11,700 PSI	—
7/8 oz	Longshot	Win. 209	Windjammer	18.4 gr/ 10,100 PSI	19.1 gr / 11,000 PSI	20.0 gr/ 12,000 PSI
				1200 fps		
7/8 oz	PB	Fed. 209A	Rem. RXP20	16.0 gr/ 11,900 PSI		
7/8 oz	PB	Fed. 209A	WAA20	15.5 gr/ 11,700 PSI		
7/8 oz	PB	Fed. 209A	Windjammer	15.5 gr/ 11,900 PSI		
7/8 oz	PB	Rem. 209P	Rem. RXP 20	16.0 gr/ 10,900 PSI		
7/8 oz	PB	Rem. 209P	WAA20	16.0 gr/ 11,600 PSI		
7/8 oz	PB	Rem. 209P	Windjammer	16.0 gr/ 11,300 PSI		
7/8 oz	PB	Win. 209	Rem. RXP 20	16.0 gr/ 11,400 PSI		
7/8 oz	PB	Win. 209	WAA20	16.0 gr/ 11,700 PSI		
7/8 oz	PB	Win. 209	Windjammer	16.5 gr/ 11,800 PSI		
7/8 oz	SR 7625	Fed. 209A	Fed. 20S1	16.5 gr/ 11,700 PSI		
7/8 oz	SR 7625	Fed. 209A	Rem. RXP20	17.0 gr/ 10,800 PSI		
7/8 oz	SR 7625	Fed. 209A	WAA20	16.5 gr/ 11,700 PSI		
7/8 oz	SR 7625	Fed. 209A	Windjammer	16.5 gr/ 11,900 PSI		
7/8 oz	SR 7625	Rem. 209P	Fed. 20S1	16.5 gr/ 11,100 PSI		
7/8 oz	SR 7625	Rem. 209P	RXP20	17.0 gr/ 10,100 PSI		
7/8 oz	SR 7625	Rem. 209P	WAA20	17.0 gr/ 10,900 PSI		
7/8 oz	SR 7625	Rem. 209P	Windjammer	17.5 gr/ 10,300 PSI		
7/8 oz	SR 7625	Win. 209	Rem. RXP 20	17.0 gr/ 10,600 PSI		
7/8 oz	SR 7625	Win. 209	WAA20	17.0 gr/ 10,600 PSI		
7/8 oz	SR 7625	Win. 209	Windjammer	17.0 gr/ 10,900 PSI		
7/8 oz	SR 7625	Win. 209	Fed. 20S1	16.5 gr/ 11,700 PSI		
7/8 oz	800-X	Fed. 209A	Fed. 20S1	16.0 gr/ 9,700 PSI		
7/8 oz	800-X	Fed. 209A	Rem. RXP 20	16.5 gr/ 8,800 PSI		
7/8 oz	800-X	Fed. 209A	WAA20	16.5 gr/ 9,400 PSI		
7/8 oz	800-X	Fed. 209A	Windjammer	16.5 gr/ 10,100 PSI		
7/8 oz	800-X	Rem. 209P	Fed. 20S1	16.5 gr/ 8,200 PSI		
7/8 oz	800-X	Rem. 209P	Rem. RXP 20	16.5 gr/ 7,500 PSI		
7/8 oz	800-X	Rem. 209P	WAA20	16.5 gr/ 9,300 PSI		

20 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1200 fps		
7/8 oz	800-X	Rem. 209P	Windjammer	16.5 gr/ 8,400 PSI		
7/8 oz	WSF	CCI 209	Fed. 20S1	16.5 gr/ 11,400 PSI		
7/8 oz	WSF	CCI 209	Rem. RXP20	17.5 gr/ 10,500 PSI		
7/8 oz	WSF	CCI 209	WAA20	16.5 gr/ 11,300 PSI		
7/8 oz	WSF	Win. 209	Rem. RXP 20	17.0 gr/ 10,700 PSI		
7/8 oz	WSF	Win. 209	WAA20	16.5 gr/ 11,200 PSI		
				1165 fps	1220 fps	1250 fps
1 oz	HS-6	Rem. 209P	Rem. SP20	19.8 gr/ 11,900 PSI	—	—
1 oz	HS-6	Rem. 209P	WAA20F1	19.5 gr/ 11,800 PSI	—	—
1 oz	HS-6	Win. 209	WAA20F1	21.5 gr/ 10,000 LUP	22.5 gr / 10,900 LUP	—
1 oz	HS-6	Win. 209	Rem. SP20	23.0 gr/ 10,100 LUP	24.0 gr / 10,800 LUP	—
1 oz	Longshot	CCI 209M	Rem. SP20	16.7 gr/ 11,700 PSI	—	
1 oz	Longshot	CCI 209M	WAA20F1	15.5 gr/ 11,900 PSI	—	
1 oz	Longshot	Fed. 209A	WAA20F1	15.5 gr/ 11,900 PSI	—	
1 oz	Longshot	Rem. 209P	Rem. SP20	16.3 gr/ 11,800 PSI	—	
1 oz	Longshot	Rem. 209P	WAA20F1	15.8 gr/ 11,800 PSI	—	
1 oz	Longshot	Win. 209	Rem. SP20	16.5 gr/ 10,700 PSI	18.1 gr / 12,000 PSI	
1 oz	Longshot	Win. 209	WAA20F1	15.7 gr/ 10,900 PSI	17.2 gr / 12,000 PSI	
				1150 fps	1200 fps	
1 oz	800-X	Fed. 209A	Rem. RXP 20	15.0 gr/ 11,700 PSI	—	
1 oz	800-X	Fed. 209A	WAA20F1	14.5 gr/ 11,800 PSI	—	
1 oz	800-X	Rem. 209P	Rem. RXP20	—	17.0 gr / 10,800 PSI	
1 oz	800-X	Rem. 209P	WAA20F1	—	17.0 gr / 11,500 PSI	
1 oz	800-X	Win. 209	Rem. RXP20	16.0 gr/ 11,600 PSI	—	
1 oz	800-X	Win. 209	WAA20F1	15.5 gr/ 11,500 PSI	—	

20 GA., 3", FEDERAL PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1175 fps	1230 fps	1285 fps	
1 1/8 oz	Longshot	CCI 209M	Fed. 20S1	19.6 gr/ 9,000 PSI	21.0 gr / 10,300 PSI	22.4 gr/ 11,500 PSI	
1 1/8 oz	Longshot	CCI 209M	Rem. RXP20	19.4 gr/ 9,000 PSI	21.0 gr / 10,000 PSI	22.6 gr/ 10,900 PSI	
1 1/8 oz	Longshot	CCI 209M	WAA20	19.2 gr/ 8,300 PSI	20.7 gr / 10,600 PSI	—	
1 1/8 oz	Longshot	Fed. 209A	Fed. 20S1	19.3 gr/ 9,300 PSI	20.6 gr / 10,900 PSI	21.9 gr/ 12,000 PSI	
1 1/8 oz	Longshot	Fed. 209A	Rem. RXP20	19.6 gr/ 9,000 PSI	21.1 gr / 10,600 PSI	22.7 gr/ 11,000 PSI	
1 1/8 oz	Longshot	Fed. 209A	WAA20	19.6 gr/ 9,700 PSI	20.7 gr / 10,900 PSI	—	
1 1/8 oz	Longshot	Rem. 209P	Fed. 20S1	19.4 gr/ 9,000 PSI	20.3 gr / 10,300 PSI	22.2 gr/ 11,600 PSI	
1 1/8 oz	Longshot	Rem. 209P	Rem. RXP20	19.5 gr/ 8,600 PSI	21.1 gr/ 9,900 PSI	22.7 gr/ 11,200 PSI	
1 1/8 oz	Longshot	Rem. 209P	WAA20	19.4 gr/ 9,100 PSI	20.3 gr / 10,400 PSI	22.1 gr/ 11,600 PSI	
1 1/8 oz	Longshot	Win. 209	Fed. 20S1	20.6 gr/ 8,200 PSI	21.7 gr/ 9,500 PSI	22.7 gr/ 10,600 PSI	
1 1/8 oz	Longshot	Win. 209	Rem. RXP20	20.3 gr/ 8,500 PSI	21.7 gr/ 9,600 PSI	23.0 gr/ 10,600 PSI	
1 1/8 oz	Longshot	Win. 209	WAA20	19.6 gr/ 8,800 PSI	21.0 gr / 10,100 PSI	22.4 gr/ 11,300 PSI	
				1150 fps	1200 fps	1250 fps	1300 fps
1 1/8 oz	SR 4756	Fed. 209A	Fed. 20S1	21.0 gr/ 11,400 PSI	—	—	—
1 1/8 oz	SR 4756	Fed. 209A	Rem. SP 20	—	21.5 gr / 11,700 PSI	—	—
1 1/8 oz	SR 4756	Fed. 209A	WAA20	20.5 gr/ 11,700 PSI	—	—	—
1 1/8 oz	SR 4756	Rem. 209P	Fed. 20S1	—	—	24.0 gr/ 11,200 PSI	—

20 GA., 3", FEDERAL PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1150 fps	1200 fps	1250 fps	1300 fps
1 1/8 oz	SR 4756	Rem. 209P	Rem. SP 20	—	—	24.5 gr / 11,200 PSI	—
1 1/8 oz	SR 4756	Rem. 209P	WAA20	—	—	24.0 gr / 11,000 PSI	—
1 1/8 oz	SR 4756	Win. 209	Fed. 20S1	—	21.5 gr / 11,300 PSI	—	—
1 1/8 oz	SR 4756	Win. 209	Rem. SP 20	—	23.0 gr / 11,500 PSI	—	—
1 1/8 oz	SR 4756	Win. 209	WAA20	—	22.5 gr / 11,700 PSI	—	—
1 1/8 oz	800-X	Fed. 209A	Fed. 20S1	—	19.0 gr / 11,600 PSI	—	—
1 1/8 oz	800-X	Fed. 209A	Rem. RXP20	—	19.5 gr / 11,500 PSI	—	—
1 1/8 oz	800-X	Fed. 209A	WAA20	—	19.5 gr / 11,500 PSI	—	—
1 1/8 oz	800-X	Rem. 209P	Fed. 20S1	—	—	—	22.0 gr / 11,700 PSI
1 1/8 oz	800-X	Rem. 209P	Rem. SP20	—	—	21.0 gr / 11,600 PSI	—
1 1/8 oz	800-X	Rem. 209P	WAA20	—	—	—	22.0 gr / 11,400 PSI
1 1/8 oz	800-X	Win. 209	Fed. 20S1	—	19.5 gr / 11,600 PSI	—	—
1 1/8 oz	800-X	Win. 209	Rem. SP 20	—	19.5 gr / 11,500 PSI	—	—
1 1/8 oz	800-X	Win. 209	WAA20	—	19.0 gr / 11,400 PSI	—	—
				1185 fps	1240 fps		
1 1/4 oz	Longshot	CCI 209M	Fed. 20S1	20.2 gr/ 11,300 PSI	—		
1 1/4 oz	Longshot	CCI 209M	Rem. RXP20	21.0gr / 11,000 PSI	—		
1 1/4 oz	Longshot	CCI 209M	WAA20F1	20.3 gr/ 11,400 PSI	—		
1 1/4 oz	Longshot	Fed. 209A	Fed. 20S1	20.2 gr/ 11,700 PSI	—		
1 1/4 oz	Longshot	Fed. 209A	Rem. RXP20	20.9 gr/ 11,300 PSI	—		
1 1/4 oz	Longshot	Fed. 209A	WAA20F1	20.2 gr/ 11,500 PSI	—		
1 1/4 oz	Longshot	Rem. 209P	Fed. 20S1	20.5 gr/ 11,600 PSI	—		
1 1/4 oz	Longshot	Rem. 209P	Rem. RXP20	21.5 gr/ 10,400 PSI	—		
1 1/4 oz	Longshot	Rem. 209P	WAA20F1	19.9 gr/ 11,200 PSI	—		
1 1/4 oz	Longshot	Win. 209	Fed. 20S1	20.4 gr/ 10,300 PSI	—		
1 1/4 oz	Longshot	Win. 209	Rem. RXP20	21.3 gr/ 10,600 PSI	—		
1 1/4 oz	Longshot	Win. 209	WAA20F1	21.2 gr/ 10,300 PSI	22.2 gr / 11,500 PSI		
				1100 fps	1125 fps	1150 fps	1175 fps
1 1/4 oz	800-X	Fed. 209A	Rem. SP 20	17.5 gr/ 11,500 PSI	—	—	—
1 1/4 oz	800-X	Fed. 209A	WAA20F1	—	18.0 gr / 11,700 PSI	—	—
1 1/4 oz	800-X	Rem. 209P	Rem. SP 20	—	—	19.5 gr/ 11,400 PSI	
1 1/4 oz	800-X	Rem. 209P	WAA20F1	—	—	—	20.0 gr / 11,000 PSI
1 1/4 oz	800-X	Win. 209	Rem. SP 20	18.0 gr/ 11,400 PSI	—	—	—
1 1/4 oz	800-X	Win. 209	WAA20F1	—	18.5 gr / 11,400 PSI	—	—

20 GA., 3", REMINGTON PREMIER PLASTIC SHELLS

				1175 fps	1230 fps
1 1/8 oz	Longshot	CCI 209M	PC20	17.6 gr/ 11,400 PSI	—
1 1/8 oz	Longshot	CCI 209M	Rem. RXP20	17.7 gr/ 11,500 PSI	—
1 1/8 oz	Longshot	Rem. 209P	PC20	17.6 gr/ 10,900 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Rem. RXP20	17.7 gr/ 11,500 PSI	—
1 1/8 oz	Longshot	Rem. 209P	WAA20	17.6 gr/ 12,000 PSI	—
1 1/8 oz	Longshot	Win. 209	Fed. 20S1	18.2 gr/ 10,800 PSI	—
1 1/8 oz	Longshot	Win. 209	PC20	18.3 gr/ 10,500 PSI	19.3 gr / 12,000 PSI
1 1/8 oz	Longshot	Win. 209	Rem. RXP20	17.7 gr/ 10,200 PSI	—

20 GA., 3", REMINGTON PREMIER PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1175 fps	1230 fps
1 1/8 oz	Longshot	Win. 209	WAA20	18.1 gr/ 11,400 PSI	—
				1100 fps	1150 fps
1 1/8 oz	800-X	Fed. 209A	Fed. 20S1	15.5 gr/ 11,600 PSI	—
1 1/8 oz	800-X	Fed. 209A	Rem. SP 20	15.5 gr/ 11,800 PSI	—
1 1/8 oz	800-X	Fed. 209A	WAA20	15.5 gr/ 11,600 PSI	—
1 1/8 oz	800-X	Rem. 209P	Fed. 20S1	—	17.0 gr / 11,600 PSI
1 1/8 oz	800-X	Rem. 209P	Rem. SP 20	—	17.0 gr / 11,700 PSI
1 1/8 oz	800-X	Rem. 209P	WAA20	16.0 gr/ 11,100 PSI	—
1 1/8 oz	800-X	Win. 209	Fed. 20S1	16.5 gr/ 11,500 PSI	—
1 1/8 oz	800-X	Win. 209	Rem. SP 20	16.0 gr/ 11,600 PSI	—
1 1/8 oz	800-X	Win. 209	WAA20	16.0 gr/ 11,600 PSI	—

28 GA., 2 3/4", CHEDDITE PLASTIC SHELLS

				1200 fps	1225 fps	1250 fps	
3/4 oz	Universal	Ched. 209	Fed. 28S1	14.5 gr/ 11,000 PSI	14.9 gr / 11,800 PSI	—	
3/4 oz	Universal	Ched. 209	Rem. PT28	14.5 gr/ 10,700 PSI	15.2 gr / 11,700 PSI	15.4gr / 12,300 PSI	
3/4 oz	Universal	Fio. 616	Fed. 28S1	14.2 gr/ 11,300 PSI	14.4 gr / 12,400 PSI	—	
3/4 oz	Universal	Fio. 616	Rem. PT28	14.2 gr/ 11,400 PSI	14.5 gr / 12,400 PSI	—	
				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	Ched. 209	Fed. 28S1	15.2 gr/ 10,300 PSI	15.6 gr / 10,800 PSI	16.0 gr/ 11,300 PSI	16.4 gr/ 11,800 PSI
3/4 oz	Longshot	Ched. 209	Rem. PT28	14.9 gr/ 9,600 PSI	15.5 gr / 10,100 PSI	16.0 gr/ 10,600 PSI	16.6 gr/ 11,100 PSI
3/4 oz	Longshot	Fio. 616	Fed. 28S1	15.0 gr/ 10,300 PSI	15.5 gr / 10,900 PSI	15.9 gr/ 11,400 PSI	16.4 gr/ 12,100 PSI
3/4 oz	Longshot	Fio. 616	Rem. PT28	15.1 gr/ 9,400 PSI	15.6 gr / 10,000 PSI	16.1 gr/ 10,500 PSI	16.6 gr/ 11,100 PSI
				1200 fps	1225 fps	1250 fps	1275 fps
13/16 oz	Universal	Ched. 209	Fed. 28S1	14.5 gr/ 12,400 PSI			
13/16 oz	Universal	Ched. 209	Rem. PT28	14.7 gr/ 12,500 PSI			
13/16 oz	Longshot	Ched. 209	Fed. 28S1	15.2 gr/ 10,800 PSI	15.6 gr / 11,400 PSI	16.0 gr/ 12,100 PSI	—
13/16 oz	Longshot	Ched. 209	Rem. PT28	15.2 gr/ 10,000 PSI	15.7 gr / 10,500 PSI	16.2 gr/ 11,000 PSI	16.7 gr/ 11,600 PSI
13/16 oz	Longshot	Fio. 616	Fed. 28S1	15.0 gr/ 10,900 PSI	15.5 gr / 11,700 PSI	16.0 gr/ 12,500 PSI	—
13/16 oz	Longshot	Fio. 616	Rem. PT28	14.9 gr/ 10,300 PSI	15.4 gr / 10,400 PSI	15.8 gr/ 11,400 PSI	16.3 gr/ 12,000 PSI

28 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS

				1200 fps	1225 fps	1250 fps	
3/4 oz	Universal	Fed. 209A	Rem. PT28	14.2 gr/ 11,400 PSI	—	—	
3/4 oz	Universal	Win. 209	Fed. 28S1	14.5 gr/ 10,700 PSI	15.0 gr / 11,500 PSI	15.5 gr/ 12,400 PSI	
3/4 oz	Universal	Win. 209	PC28	14.8 gr/ 10,700 PSI	15.2 gr / 11,300 PSI	15.6 gr/ 11,900 PSI	
3/4 oz	Universal	Win. 209	Rem. PT28	14.5 gr/ 10,200 PSI	15.2 gr / 10,900 PSI	15.8 gr/ 11,700 PSI	
				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	CCI209M	Fed. 28S1	15.3 gr/ 10,000 PSI	15.8 gr / 10,600 PSI	16.3 gr/ 11,200 PSI	16.8 gr/ 11,800 PSI
3/4 oz	Longshot	CCI209M	Rem. PT28	15.5 gr/ 9,900 PSI	15.9 gr / 10,600 PSI	16.3 gr/ 11,200 PSI	16.6 g/11,700 PSI
3/4 oz	Longshot	Fed. 209A	Fed. 28S1	15.2 gr/ 11,000 PSI	15.6 gr / 11,600 PSI	15.9 gr/ 12,000 PSI	—
3/4 oz	Longshot	Fed. 209A	Rem. PT28	15.3 gr/ 10,400 PSI	15.8 gr / 11,000 PSI	16.2 gr/ 11,400 PSI	16.7 gr/ 12,000 PSI
3/4 oz	Longshot	Rem. 209P	Fed. 28S1	15.1 gr/ 10,500 PSI	15.6 gr / 11,100 PSI	16.0 gr/ 11,500 PSI	16.5 gr/ 12,000 PSI
3/4 oz	Longshot	Rem. 209P	Rem. PT28	15.1 gr/ 9,800 PSI	15.6 gr / 10,400 PSI	16.1 gr/ 11,100 PSI	16.6 gr/ 11,800 PSI
3/4 oz	Longshot	Win. 209	Fed. 28S1	15.7 gr/ 10,200 PSI	16.1 gr / 10,800 PSI	16.5 gr/ 11,400 PSI	16.9 gr/ 11,900 PSI

28 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS (CONT,)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	Win. 209	Rem. PT28	15.8 gr/ 9,600 PSI	16.2 gr / 10,000 PSI	16.6 gr / 10,400 PSI	17.0 gr / 10,800 PSI
				1150 fps	1200 fps		
3/4 oz	PB	Fed. 209A	Rem. PT28	13.0 gr/ 12,300 PSI	—		
3/4 oz	PB	Fed. 209A	WAA28	13.0 gr/ 12,400 PSI	—		
3/4 oz	PB	Rem. 209P	Fed. 28S1	—	14.0 gr / 12,200 PSI		
3/4 oz	PB	Rem. 209P	PC 28	—	14.5 gr / 11,500 PSI		
3/4 oz	PB	Rem. 209P	Rem. PT28	—	14.5 gr / 11,700 PSI		
3/4 oz	PB	Rem. 209P	WAA28	—	14.5 gr / 11,400 PSI		
3/4 oz	PB	Win. 209	Fed. 28S1	—	14.0 gr / 12,500 PSI		
3/4 oz	PB	Win. 209	PC 28	—	14.5 gr / 12,000 PSI		
3/4 oz	PB	Win. 209	Rem. PT28	—	14.5 gr / 12,100 PSI		
3/4 oz	PB	Win. 209	WAA28	—	14.5 gr / 11,900 PSI		
3/4 oz	SR 7625	Fed. 209A	Fed. 28S1	—	14.0 gr / 12,000 PSI		
3/4 oz	SR 7625	Fed. 209A	PC28	—	14.0 gr / 11,900 PSI		
3/4 oz	SR 7625	Fed. 209A	Rem. PT28	—	15.5 gr / 11,800 PSI		
3/4 oz	SR 7625	Fed. 209A	WAA28	—	14.5 gr / 12,300 PSI		
3/4 oz	SR 7625	Rem. 209P	Fed. 28S1	—	14.5 gr / 10,800 PSI		
3/4 oz	SR 7625	Rem. 209P	PC28	—	15.0 gr / 10,100 PSI		
3/4 oz	SR 7625	Rem. 209P	Rem. PT28	—	15.0 gr / 10,200 PSI		
3/4 oz	SR 7625	Rem. 209P	WAA28	—	14.5 gr / 10,500 PSI		
3/4 oz	SR 7625	Win. 209	Fed. 28S1	—	15.0 gr / 11,200 PSI		
3/4 oz	SR 7625	Win. 209	PC28	—	15.0 gr / 10,900 PSI		
3/4 oz	SR 7625	Win. 209	Rem. PT28	—	15.0 gr / 11,100 PSI		
3/4 oz	SR 7625	Win. 209	WAA28	—	14.5 gr / 10,800 PSI		
3/4 oz	SR 4756	Fed. 209A	Fed. 28S1	—	15.5 gr / 11,900 PSI		
3/4 oz	SR 4756	Fed. 209A	PC 28	—	15.5 gr / 11,400 PSI		
3/4 oz	SR 4756	Fed. 209A	Rem. PT28	—	15.5 gr / 11,400 PSI		
3/4 oz	SR 4756	Rem. 209P	Fed. 28S1	—	16.5 gr / 9,800 PSI		
3/4 oz	SR 4756	Rem. 209P	PC 28	—	16.0 gr / 9,600 PSI		
3/4 oz	SR 4756	Rem. 209P	Rem. PT28	17.0 gr/ 10,300 PSI	—		
3/4 oz	SR 4756	Win. 209	Fed. 28S1	—	16.0 gr / 10,600 PSI		
3/4 oz	SR 4756	Win. 209	PC 28	—	16.0 gr / 10,300 PSI		
3/4 oz	SR 4756	Win. 209	Rem. PT28	—	16.0 gr / 10,500 PSI		
3/4 oz	800-X	Fed. 209A	Fed. 28S1	—	13.5 gr / 11,000 PSI		
3/4 oz	800-X	Fed. 209A	PC28	—	13.5 gr / 10,600 PSI		
3/4 oz	800-X	Fed. 209A	Rem. PT28	—	13.5 gr / 10,700 PSI		
3/4 oz	800-X	Fed. 209A	WAA28	—	13.5 gr / 10,100 PSI		
3/4 oz	800-X	Rem. 209P	Fed. 28S1	—	14.0 gr / 10,400 PSI		
3/4 oz	800-X	Rem. 209P	PC28	—	14.0 gr / 9,600 PSI		
3/4 oz	800-X	Rem. 209P	Rem. PT28	—	14.0 gr / 9,900 PSI		
3/4 oz	800-X	Rem. 209P	WAA28	—	14.5 gr / 9,500 PSI		
3/4 oz	800-X	Win. 209	Fed. 28S1	—	13.5 gr / 10,500 PSI		
3/4 oz	800-X	Win. 209	PC 28	—	13.5 gr / 9,900 PSI		
3/4 oz	800-X	Win. 209	Rem. PT28	—	13.5 gr / 10,100 PSI		

28 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS (CONT,)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1150 fps	1200 fps	
3/4 oz	800-X	Win. 209	WAA28	—	14.0 gr / 10,000 PSI	
				1200 fps	1225 fps	1250 fps
13/16 oz	Universal	Win. 209	Fed. 28S1	14.9 gr/ 12,300 PSI	—	—
13/16 oz	Universal	Win. 209	PC28	14.9 gr/ 12,000 PSI	—	—
13/16 oz	Universal	Win. 209	Rem. PT28	14.9 gr/ 11,600 PSI	—	—
13/16 oz	Longshot	CCI209M	Fed. 28S1	15.5 gr/ 11,400 PSI	—	—
13/16 oz	Longshot	CCI209M	Rem. PT28	15.3 gr/ 10,600 PSI	15.8 gr / 11,300 PSI	16.5 gr/ 12,000 PSI
13/16 oz	Longshot	Fed. 209A	Fed. 28S1	14.9 gr/ 11,900 PSI	15.4 gr / 12,500 PSI	—
13/16 oz	Longshot	Fed. 209A	Rem. PT28	15.2 gr/ 10,900 PSI	15.6 gr / 11,500 PSI	16.0 gr/ 12,200 PSI
13/16 oz	Longshot	Rem. 209P	Fed. 28S1	14.7 gr/ 11,800 PSI	15.0 gr / 12,200 PSI	—
13/16 oz	Longshot	Rem. 209P	Rem. PT28	15.5 gr/ 11,000 PSI	15.9 gr / 11,400 PSI	16.3 gr/ 11,800 PSI
13/16 oz	Longshot	Win. 209	Fed. 28S1	15.2 gr/ 11,000 PSI	15.5 gr / 12,300 PSI	—
13/16 oz	Longshot	Win. 209	Rem. PT28	15.7 gr/ 10,200 PSI	16.1 gr / 10,900 PSI	16.5 gr/ 11,500 PSI

28 GA., 2 3/4", FIOCCHI PLASTIC TARGET SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps	1225 fps	1250 fps	
3/4 oz	Universal	Fio. 616	Fed. 28S1	14.3 gr/ 11,200 PSI	14.6 gr / 11,800 PSI	15.0 gr/ 12,300 PSI	
3/4 oz	Universal	Fio. 616	PC28	14.2 gr/ 10,900 PSI	14.8 gr / 11,300 PSI	15.2 gr/ 11,800 PSI	
3/4 oz	Universal	Fio. 616	Rem. PT28	14.2 gr/ 10,600 PSI	14.8 gr / 11,000 PSI	15.1 gr/ 11,900 PSI	
				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	Ched. 209	Fed. 28S1	14.9 gr/ 10,200 PSI	15.4 gr / 10,900 PSI	15.9 gr/ 11,600 PSI	16.5 gr/ 12,300 PSI
3/4 oz	Longshot	Ched. 209	Rem. PT28	15.1 gr/ 9,800 PSI	15.6 gr / 10,400 PSI	16.1 gr/ 10,900 PSI	16.5 gr/ 11,400 PSI
3/4 oz	Longshot	Fio. 616	Fed. 28S1	15.1 gr/ 10,700 PSI	15.5 gr / 11,300 PSI	15.9 gr/ 11,800 PSI	16.2 gr/ 12,300 PSI
3/4 oz	Longshot	Fio. 616	Rem. PT28	15.2 gr/ 10,000 PSI	15.6 gr / 10,400 PSI	16.1 gr/ 11,000 PSI	16.6 gr/ 11,500 PSI
13/16 oz	Universal	Fio. 616	Fed. 28S1	14.5 gr/ 12,400 PSI	—	—	—
13/16 oz	Universal	Fio. 616	PC28	14.5 gr/ 12,100 PSI	—	—	—
13/16 oz	Universal	Fio. 616	Rem. PT28	15.0 gr/ 11,900 PSI	—	—	—
				1200 fps	1225 fps	1250 fps	1275 fps
13/16 oz	Longshot	Ched. 209	Fed. 28S1	14.7 gr/ 11,300 PSI	15.2 gr / 11,900 PSI	15.7 gr/ 12,500 PSI	—
13/16 oz	Longshot	Ched. 209	Rem. PT28	15.3 gr/ 10,700 PSI	15.6 gr / 11,100 PSI	16.0 gr/ 11,700 PSI	16.5 gr/ 12,300 PSI
13/16 oz	Longshot	Fio. 616	Fed. 28S1	14.8 gr/ 11,300 PSI	15.3 gr / 11,800 PSI	15.9 gr/ 12,500 PSI	—
13/16 oz	Longshot	Fio. 616	Rem. PT28	15.0 gr/ 10,600 PSI	15.4 gr / 11,200 PSI	15.8 gr/ 11,800 PSI	16.2 gr/ 12,400 PSI

28 GA., 2 3/4", REMINGTON STS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*
				1200 fps
3/4 oz	Universal	Fed. 209A	WAA28	13.5 gr/ 12,200 PSI
3/4 oz	Universal	Rem. 209P	PC28	13.6 gr/ 12,000 PSI
3/4 oz	Universal	Rem. 209P	Rem. PT28	13.8 gr/ 12,000 PSI
3/4 oz	Universal	Rem. 209P	WAA28	13.9 gr/ 11,700 PSI
3/4 oz	Universal	Win. 209	PC28	13.5 gr/ 12,400 PSI
3/4 oz	Universal	Win. 209	Rem. PT28	13.8 gr/ 12,100 PSI
3/4 oz	Universal	Win. 209	WAA28	13.8 gr/ 11,500 PSI
3/4 oz	HS-6	Fed. 209A	Rem. PT28	16.7 gr/ 11,700 PSI
3/4 oz	HS-6	Fed. 209A	WAA28	16.7 gr/ 11,000 PSI
3/4 oz	HS-6	Rem. 209P	Rem. PT28	17.1 gr/ 11,000 PSI

28 GA., 2 3/4", REMINGTON STS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps			
3/4 oz	HS-6	Rem. 209P	WAA28	17.1 gr/ 10,400 PSI			
3/4 oz	HS-6	Win. 209	Rem. PT28	17.0 gr/ 11,500 PSI			
3/4 oz	HS-6	Win. 209	WAA28	17.0 gr/ 10,700 PSI			
				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	CCI209M	PC 28	14.4 gr/ 12,000 PSI	14.9 gr / 12,300 PSI	—	—
3/4 oz	Longshot	CCI209M	Rem. PT28	14.1 gr/ 11,100 PSI	14.6 gr / 11,900 PSI	—	—
3/4 oz	Longshot	CCI209M	WAA28	14.4 gr/ 11,500 PSI	14.9 gr / 11,900 PSI	15.4 gr/ 12,400 PSI	—
3/4 oz	Longshot	Fed. 209A	PC 28	14.3 gr/ 12,000 PSI	—	—	—
3/4 oz	Longshot	Fed. 209A	Rem. PT28	14.0 gr/ 11,700 PSI	15.3 gr / 12,500 PSI	—	—
3/4 oz	Longshot	Fed. 209A	WAA28	14.2 gr/ 11,200 PSI	14.7 gr / 12,000 PSI	—	—
3/4 oz	Longshot	Rem. 209P	PC 28	14.5 gr/ 11,200 PSI	15.0 gr / 11,800 PSI	15.5 gr/ 12,300 PSI	—
3/4 oz	Longshot	Rem. 209P	Rem. PT28	14.3 gr/ 11,300 PSI	14.9 gr / 12,000 PSI	15.4 gr/ 12,500 PSI	—
3/4 oz	Longshot	Rem. 209P	WAA28	14.3 gr/ 11,000 PSI	14.8 gr / 11,600 PSI	15.2 gr/ 12,000 PSI	15.6 gr/12,400 PSI
3/4 oz	Longshot	Win. 209	PC 28	14.9 gr/ 10,900 PSI	15.4 gr / 11,600 PSI	15.8 gr/ 12,100 PSI	—
3/4 oz	Longshot	Win. 209	Rem. PT28	14.7 gr/ 10,900 PSI	15.3 gr / 11,300 PSI	15.9 gr/ 11,900 PSI	16.4 gr/12,300 PSI
3/4 oz	Longshot	Win. 209	WAA28	14.5 gr/ 10,700 PSI	15.1 gr / 11,200 PSI	15.6 gr/ 11,600 PSI	16.2 gr/12,200 PSI
				1150 fps	1200 fps		
3/4 oz	PB	Rem. 209P	PC28	—	13.0 gr / 12,100 PSI		
3/4 oz	PB	Rem. 209P	Rem. PT28	13.0 gr/ 12,500 PSI	—		
3/4 oz	PB	Rem. 209P	WAA28	—	13.5 gr / 12,300 PSI		

28 GA., 2 3/4", REMINGTON STS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1150 fps	1200 fps
3/4 oz	SR 7625	Rem. 209P	Fed. 28S1	—	13.5 gr / 12,400 PSI
3/4 oz	SR 7625	Rem. 209P	PC28	—	14.0 gr / 11,700 PSI
3/4 oz	SR 7625	Rem. 209P	Rem. PT28	—	13.5 gr / 12,400 PSI
3/4 oz	SR 7625	Rem. 209P	WAA28	—	14.0 gr / 11,800 PSI
3/4 oz	SR 7625	Win. 209	PC28	—	14.0 gr / 12,200 PSI
3/4 oz	SR 7625	Win. 209	Rem. PT28	—	14.0 gr / 12,500 PSI
3/4 oz	SR 7625	Win. 209	WAA28	—	14.0 gr / 12,200 PSI
3/4 oz	SR 4756	Fed. 209A	Fed. 28S1	—	14.0 gr / 12,300 PSI
3/4 oz	SR 4756	Fed. 209A	PC28	—	14.5 gr / 12,200 PSI
3/4 oz	SR 4756	Fed. 209A	Rem. PT28	—	14.0 gr / 12,500 PSI
3/4 oz	SR 4756	Rem. 209P	Fed. 28S1	14.0 gr/ 10,300 PSI	—
3/4 oz	SR 4756	Rem. 209P	PC28	15.0 gr/ 9,900 PSI	—
3/4 oz	SR 4756	Win. 209	Fed. 28S1	14.0 gr/ 11,500 PSI	—
3/4 oz	SR 4756	Win. 209	PC28	—	15.0 gr / 11,200 PSI
3/4 oz	SR 4756	Win. 209	Rem. PT28	14.0 gr/ 11,000 PSI	—
3/4 oz	800-X	Fed. 209A	Fed. 28S1	—	13.0 gr / 11,700 PSI
3/4 oz	800-X	Fed. 209A	PC28	—	13.0 gr / 11,400 PSI
3/4 oz	800-X	Fed. 209A	Rem. PT28	—	13.0 gr / 11,400 PSI
3/4 oz	800-X	Fed. 209A	WAA28	—	13.0 gr / 11,000 PSI
				1200 fps	
3/4 oz	800-X	Rem. 209P	Fed. 28S1	13.5 gr/ 11,600 PSI	
3/4 oz	800-X	Rem. 209P	PC28	13.0 gr/ 10,300 PSI	

28 GA., 2 3/4", REMINGTON STS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1200 fps	
3/4 oz	800-X	Rem. 209P	Rem. PT28	13.5 gr/ 10,700 PSI	
3/4 oz	800-X	Rem. 209P	WAA28	13.5 gr/ 10,300 PSI	
3/4 oz	800-X	Win. 209	Fed. 28S1	13.0 gr/ 11,300 PSI	
3/4 oz	800-X	Win. 209	PC28	13.0 gr/ 10,300 PSI	
3/4 oz	800-X	Win. 209	Rem. PT28	13.5 gr/ 11,100 PSI	
3/4 oz	800-X	Win. 209	WAA28	13.0 gr/ 10,400 PSI	

28 GA., 2 3/4" WINCHESTER AA HS AND SUPER-X HS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps	1225 fps	1250 fps	1275 fps
3/4 oz	Universal	CCI 209M	BP SG 28	14.3 gr / 11,000 PSI	14.6 / 11,800 PSI	—	—
3/4 oz.	Universal	CCI 209M	Rem. PT28	14.1 gr / 10,200 PSI	14.7 / 11,300 PSI	—	—
3/4 oz.	Universal	CCI 209M	WAA28HS	14.2 gr / 12,100 PSI	—	—	—
3/4 oz.	Universal	Rem. 209P	BP SG 28	14.2 gr / 10,400 PSI	14.7 / 11,100 PSI	—	—
3/4 oz.	Universal	Rem. 209P	Fed. 28S1	13.8 gr / 11,600 PSI	14.5 / 12,000 PSI	—	—
3/4 oz.	Universal	Rem. 209P	Rem. PT28	14.5 gr / 10,500 PSI	—		
3/4 oz.	Universal	Rem. 209P	WAA28HS	14 gr / 11,300 PSI	—	—	—
3/4 oz.	Universal	Win. 209	BP SG 28	14.3 gr / 11,400 PSI	—	—	—
3/4 oz.	Universal	Win. 209	Fed. 28S1	14.1 gr / 11,500 PSI	—	—	—
3/4 oz.	Universal	Win. 209	Rem. PT28	14.3 gr / 10,700 PSI	14.7 / 11,300 PSI	—	—
3/4 oz.	Universal	Win. 209	WAA28HS	14.1 gr / 12,200 PSI	—	—	—
3/4 oz.	HS-6	CCI 209M	BP SG 28	18 gr / 10,100 PSI	—	—	—
3/4 oz.	HS-6	CCI 209M	WAA28HS	17.5 gr / 10,400 PSI	—	—	—
3/4 oz.	HS-6	Fed. 209A	BP SG 28	17.5 gr / 10,600 PSI	—	—	—
3/4 oz.	HS-6	Fed. 209A	WAA28HS	17.5 gr / 11,000 PSI	—	—	—
3/4 oz.	HS-6	Rem. 209P	BP SG 28	18 gr / 9,600 PSI	—	—	—
3/4 oz.	HS-6	Rem. 209P	WAA28HS	18 gr / 10,600 PSI	—	—	—
3/4 oz.	HS-6	Win. 209	BP SG 28	18 gr / 9,700 PSI	—	—	—
3/4 oz.	HS-6	Win. 209	WAA28HS	18 gr / 10,600 PSI	—	—	—
3/4 oz.	Longshot	CCI 209M	BP SG 28	13.9 gr / 9,700 PSI	14.5 gr / 10,400 PSI	15 gr / 10,900 PSI	15.5 gr / 11,500 PSI
3/4 oz.	Longshot	CCI 209M	Fed. 28S1	14 gr / 10,200 PSI	14.5 gr / 10,900 PSI	14.9 gr / 11,500 PSI	—
3/4 oz.	Longshot	CCI 209M	Rem. PT28	14.2 gr / 9,200 PSI	14.7 gr / 9,900 PSI	15.1 gr / 10,200 PSI	15.6 gr / 11,200 PSI
3/4 oz.	Longshot	CCI 209M	WAA28HS	14.1 gr / 10,700 PSI	14.5 gr / 11,200 PSI	15 gr / 11,900 PSI	—
3/4 oz.	Longshot	Fed. 209A	BP SG 28	14 gr / 9,700 PSI	14.6 gr / 10,200 PSI	15.2 gr / 10,800 PSI	—
3/4 oz.	Longshot	Fed. 209A	Fed. 28S1	14.1 gr / 10,000 PSI	14.6 gr / 10,900 PSI	15 gr / 11,000 PSI	—
3/4 oz.	Longshot	Fed. 209A	Rem. PT28	14.1 gr / 9,200 PSI	14.6 gr / 10,000 PSI	15 gr / 10,600 PSI	15.5 gr / 11,400 PSI
3/4 oz.	Longshot	Fed. 209A	WAA28HS	13.9 gr / 10,500 PSI	14.4 gr / 11,200 PSI	14.9 gr / 12,000 PSI	—
3/4 oz.	Longshot	Rem. 209P	BP SG 28	14.5 gr / 9,200 PSI	15 gr / 9,800 PSI	15.5 gr / 10,400 PSI	—
3/4 oz.	Longshot	Rem. 209P	Fed. 28S1	14.4 gr / 9,500 PSI	14.9 gr / 10,200 PSI	15.4 gr / 10,800 PSI	15.9 gr / 11,400 PSI
3/4 oz.	Longshot	Rem. 209P	Rem. PT28	14.7 gr / 8,700 PSI	15.1 gr / 9,400 PSI	15.6 gr / 10,200 PSI	16 gr / 10,800 PSI
3/4 oz.	Longshot	Rem. 209P	WAA28HS	14.5 gr / 9,900 PSI	14.9 gr / 10,600 PSI	15.4 gr / 11,400 PSI	—
3/4 oz.	Longshot	Win. 209	BP SG 28	14.4 gr / 9,200 PSI	14.9 gr / 9,700 PSI	15.5 gr / 10,200 PSI	16 gr / 10,800 PSI
3/4 oz.	Longshot	Win. 209	Fed. 28S1	14.5 gr/ 9,500 PSI	14.9 gr / 10,100 PSI	15.3 gr / 10,700 PSI	15.7 gr / 11,200 PSI
3/4 oz.	Longshot	Win. 209	Rem. PT28	14.6 gr / 8,900 PSI	15.1 gr / 9,600 PSI	15.6 gr / 10,300 PSI	16 gr / 10,800 PSI
3/4 oz.	Longshot	Win. 209	WAA28HS	14.6 gr / 9,800 PSI	14.9 gr / 10,100 PSI	15.5 gr / 11,100 PSI	—
3/4 oz	SR 7625	CCI209M	PC28	14.3 gr / 12,400 PSI	—	—	

28 GA., 2 3/4" WINCHESTER AA HS AND SUPER-X HS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps	1225 fps	1250 fps	1275 fps
3/4 oz	SR 7625	CCI209M	Rem. PT 28	14.6 gr/ 12,200 PSI	—	—	
3/4 oz	SR 7625	Fed. 209A	Rem. PT 28	14.2 gr/ 12,500 PSI	—	—	
3/4 oz	SR 7625	Rem. 209P	Fed. 28S1	14.4 gr/ 12,100 PSI	—	—	
3/4 oz	SR 7625	Rem. 209P	PC 28	14.7 gr/ 11,800 PSI	15.2 gr / 12,200 PSI	—	
3/4 oz	SR 7625	Rem. 209P	Rem. PT28	14.7 gr/ 11,300 PSI	15.2 gr / 11,900 PSI	—	
3/4 oz	SR 7625	Win. 209	Fed. 28S1	14.5 gr/ 12,400 PSI	—	—	
3/4 oz	SR 7625	Win. 209	PC28	14.9 gr/ 11,800 PSI	15.4 gr / 12,500 PSI	—	
3/4 oz	SR 7625	Win. 209	Rem. PT28	14.7 gr/ 11,200 PSI	15.3 gr / 11,700 PSI	—	—
3/4 oz	SR 4756	CCI209M	Fed. 28S1	15.5 gr/ 11,400 PSI	16.0 gr / 12,000 PSI	—	—
3/4 oz	SR 4756	CCI209M	PC28	16.3 gr/ 10,500 PSI	16.6 gr / 10,900 PSI	17.0 gr/ 11,500 PSI	17.4 gr/12,100 PSI
3/4 oz	SR 4756	CCI209M	Rem. PT28	15.9 gr/ 10,400 PSI	16.3 gr / 10,900 PSI	—	—
3/4 oz	SR 4756	Fed. 209A	Fed. 28S1	15.3 gr/ 11,600 PSI	15.7 gr / 12,200 PSI	—	—
3/4 oz	SR 4756	Fed. 209A	PC28	15.7 gr/ 11,500 PSI	16.1 gr / 12,000 PSI	16.5 gr/ 12,400 PSI	—
3/4 oz	SR 4756	Fed. 209A	Rem. PT28	15.7 gr/ 10,900 PSI	16.2 gr / 11,600 PSI	—	—
3/4 oz	SR 4756	Rem. 209P	PC28	16.1 gr/ 10,400 PSI	16.4 gr / 10,800 PSI	16.8 gr/ 11,300 PSI	
3/4 oz	SR 4756	Win. 209	Fed. 28S1	15.5 gr/ 11,100 PSI	—	—	—
3/4 oz	SR 4756	Win. 209	PC28	16.1 gr/ 10,600 PSI	16.6 gr / 11,100 PSI	17.0 gr/ 11,400 PSI	
3/4 oz	800-X	CCI209M	WAA28HS	13.5 gr/ 11,600 PSI	14.0 gr / 12,300 PSI	—	—
3/4 oz	800-X	CCI209M	BP SG 28	13.5 gr/ 10,200 PSI	14.1 gr / 11,200 PSI	14.6 gr/ 12,100 PSI	—
3/4 oz	800-X	CCI209M	Fed. 28S1	13.6 gr/ 11,000 PSI	14.1 gr / 11,700 PSI	14.5 gr/ 12,200 PSI	—
3/4 oz	800-X	CCI209M	PC28	13.5 gr/ 10,200 PSI	14.0 gr / 10,900 PSI	14.5 gr/ 11,500 PSI	15.1 gr/12,300 PSI
3/4 oz	800-X	CCI209M	Rem. PT28	13.8 gr/ 10,100 PSI	14.3 gr / 10,700 PSI	14.8 gr/ 11,300 PSI	15.3 gr/11,900 PSI
3/4 oz	800-X	Fed. 209A	BP SG 28	13.5 gr/ 10,000 PSI	13.9 gr / 11,500 PSI	14.3 gr/ 12,500 PSI	—
3/4 oz	800-X	Fed. 209A	Fed. 28S1	13.2 gr/ 11,500 PSI	13.8 gr / 12,200 PSI	—	—
3/4 oz	800-X	Fed. 209A	PC 28	13.3 gr/ 11,000 PSI	13.8 gr / 11,400 PSI	14.3 gr/ 11,800 PSI	14.8 gr/12,200 PSI
3/4 oz	800-X	Fed. 209A	Rem. PT 28	13.6 gr/ 10,900 PSI	14.0 gr / 11,400 PSI	14.4 gr/ 12,100 PSI	
3/4 oz	800-X	Fed. 209A	WAA28HS	13.3 gr/ 12,000 PSI	—	—	
3/4 oz	800-X	Rem. 209P	BP SG 28	14.0 gr/ 10,200 PSI	14.5 gr / 11,000 PSI	15.0 gr/ 11,700 PSI	
3/4 oz	800-X	Rem. 209P	Fed. 28S1	13.7 gr/ 11,200 PSI	14.2 gr / 11,900 PSI	—	—
3/4 oz	800-X	Rem. 209P	PC 28	13.7 gr / 10,000 PSI	14.2 gr / 10,500 PSI	14.8 gr/ 11,200 PSI	15.3 gr/11,700 PSI
3/4 oz	800-X	Rem. 209P	Rem. PT28	13.9 gr/ 10,400 PSI	14.4 gr / 10,900 PSI	14.8 gr/ 11,200 PSI	15.3 gr/11,700 PSI
3/4 oz	800-X	Rem. 209P	WAA28HS	13.7 gr/ 11,500 PSI	14.1 gr / 11,900 PSI	14.5 gr/ 12,300 PSI	—
3/4 oz	800-X	Win. 209	BP SG 28	—	14.3 gr / 11,500 PSI	14.8 gr/ 12,000 PSI	—
3/4 oz	800-X	Win. 209	Fed. 28S1	13.8 gr/ 11,100 PSI	14.2 gr / 11,500 PSI	14.6 gr/ 12,000 PSI	15.0 gr/12,300 PSI
3/4 oz	800-X	Win. 209	PC28	13.7 gr/ 10,500 PSI	14.2 gr / 10,900 PSI	14.7 gr/ 11,400 PSI	15.2 gr/11,900 PSI
3/4 oz	800-X	Win. 209	Rem. PT28	13.6 gr/ 9,800 PSI	14.2 gr / 10,400 PSI	14.8 gr/ 11,100 PSI	15.4 gr/11,700 PSI
3/4 oz	800-X	Win. 209	WAA28HS	13.5 gr/ 11,700 PSI	14.0 gr / 12,200 PSI	—	—
13/16 oz.	Longshot	CCI 209M	BP SG 28	14 gr / 10,800 PSI	—		
13/16 oz.	Longshot	CCI 209M	Fed. 28S1	14 gr / 11,700 PSI	—		
13/16 oz.	Longshot	CCI 209M	Rem. PT28	14.5 gr / 10,400 PSI	14.8 gr / 11,200 PSI		
13/16 oz.	Longshot	CCI 209M	WAA28HS	14 gr / 12,000 PSI	—		
13/16 oz.	Longshot	Fed. 209A	BP SG 28	14 gr / 11,100 PSI	—		
13/16 oz.	Longshot	Fed. 209A	Fed. 28S1	14 gr / 11,800 PSI	14.2 gr / 12,200 PSI		
13/16 oz.	Longshot	Fed. 209A	Rem. PT28	14.2 gr / 10,600 PSI	—		

28 GA., 2 3/4" WINCHESTER AA HS AND SUPER-X HS PLASTIC SHELLS (CONT.)

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*			
				1200 fps	1225 fps	1250 fps	1275 fps
13/16 oz.	Longshot	Fed. 209A	WAA28HS	14 gr / 12,100 PSI	—		
13/16 oz.	Longshot	Rem. 209P	BP SG 28	14.2 gr / 10,300 PSI	—		
13/16 oz.	Longshot	Rem. 209P	Fed. 28S1	14.2 gr / 11,200 PSI	—		
13/16 oz.	Longshot	Rem. 209P	Rem. PT28	14.3 gr / 9,900 PSI	—		
13/16 oz.	Longshot	Win. 209	BP SG 28	14.2 gr / 10,400 PSI	—		
13/16 oz.	Longshot	Win. 209	Fed. 28S1	14.3 gr / 11,400 PSI	—		
				1175 fps	1200 fps		
13/16 oz.	Longshot	Win. 209	Rem. PT28	14.5 gr / 9,700 PSI	—		
13/16 oz.	Longshot	Win. 209	WAA28HS	14.2 gr / 11,700 PSI	—		
				1150 fps	1175 fps	1200 fps	1225 fps
13/16 oz	SR 4756	CCI209M	PC28	15.1 gr/ 10,800 PSI	15.6 gr / 11,500 PSI	—	—
13/16 oz	800-X	CCI209M	Fed. 28S1	—	13.4 gr / 12,200 PSI	13.8 gr/ 12,500 PSI	—
13/16 oz	800-X	CCI209M	PC28	—	13.6 gr / 10,800 PSI	14.1 gr/ 11,400 PSI	—
13/16 oz	800-X	CCI209M	Rem. PT28	—	13.8 gr / 10,800 PSI	—	—
13/16 oz	800-X	Fed. 209A	Fed. 28S1	—	13.5 gr / 12,300 PSI	—	—
13/16 oz	800-X	Fed. 209A	PC28	—	13.3 gr / 11,300 PSI	13.9 gr / 12,300 PSI	—
13/16 oz	800-X	Fed. 209A	Rem PT28	—	13.6 gr / 11,400 PSI	14.1 gr / 12,000 PSI	—
13/16 oz	800-X	Rem. 209P	Fed. 28S1	—	13.3 gr / 11,800 PSI	13.9 gr / 12,500 PSI	—
13/16 oz	800-X	Rem. 209P	PC28	—	13.6 gr / 10,900 PSI	14.2 gr / 11,600 PSI	—
13/16 oz	800-X	Rem. 209 P	Rem. PT28	—	13.7 gr / 10,800 PSI	14.1 gr / 11,200 PSI	14.6 gr/11,600 PSI
13/16 oz	800-X	Win. 209	Fed. 28S1	—	13.5 gr / 12,300 PSI	—	—
13/16 oz	800-X	Win. 209	PC 28	—	13.7 gr / 11,200 PSI	14.2 gr / 11,700 PSI	—
13/16 oz	800-X	Win. 209	Rem. PT28	—	13.8 gr / 10,700 PSI	14.3 gr / 11,400 PSI	—
				1225 fps	1275 fps		
7/8 oz.	Lil'Gun	Rem. 209P	BP SG28 II	23.9 gr / 9,600 PSI	25 gr / 10,600 PSI		
7/8 oz.	Lil'Gun	Win. 209	BP SG28 II	23.7 gr / 9,600 PS	25 gr / 10,500 PSI		

410 BORE, 2 1/2", REMINGTON-PETERS "STS" PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*
				1200 fps
1/2 oz	LIL'GUN	Fed. 209A	Fed. 410SC	12.9 gr/ 11,600 PSI
1/2 oz	LIL'GUN	Fed. 209A	Orange PC	13.1 gr/ 11,000 PSI
1/2 oz	LIL'GUN	Fed. 209A	Rem. SP410	12.9 gr/ 10,900 PSI
1/2 oz	LIL'GUN	Fed. 209A	WAA41	12.9 gr/ 11,200 PSI
1/2 oz	LIL'GUN	Rem. 209P	Fed. 410SC	13.0 gr/ 11,000 PSI
1/2 oz	LIL'GUN	Rem. 209P	Orange PC	13.3 gr/ 10,400 PSI
1/2 oz	LIL'GUN	Rem. 209P	Rem. SP410	13.2 gr/ 10,800 PSI
1/2 oz	LIL'GUN	Rem. 209P	WAA41	13.0 gr/ 10,600 PSI
1/2 oz	LIL'GUN	Win. 209	Fed. 410SC	12.6 gr/ 11,800 PSI
1/2 oz	LIL'GUN	Win. 209	Orange PC	12.9 gr/ 11,100 PSI
1/2 oz	LIL'GUN	Win. 209	Rem. SP410	12.6 gr/ 11,600 PSI
1/2 oz	LIL'GUN	Win. 209	WAA41	12.9 gr/ 11,500 PSI
1/2 oz	H110	Fed. 209A	Fed. 410SC	14.2 gr/ 10,600 PSI
1/2 oz	H110	Rem. 209P	Fed. 410SC	14.7 gr/ 9,600 PSI
1/2 oz	H110	Rem. 209P	Orange PC	15.2 gr/ 9,300 PSI
1/2 oz	H110	Rem. 209P	Rem. SP410	14.8 gr/ 8,900 PSI

410 BORE, 2 1/2", REMINGTON-PETERS "STS" PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1200 fps	
1/2 oz	H110	Win. 209	WAA41	14.0 gr/ 10,000 PSI	
				1150 fps	1200 fps
1/2 oz	IMR 4227	Fed. 209A	CB 1050-41	—	18.0 gr / 12,500 PSI
1/2 oz	IMR 4227	Fed. 209A	Fed. 410SC	—	17.5 gr / 12,400 PSI
1/2 oz	IMR 4227	Fed. 209A	PC410	—	17.5 gr / 12,500 PSI
1/2 oz	IMR 4227	Win. 209	CB 1050-41	18.0 gr/ 11,000 PSI	—
1/2 oz	IMR 4227	Win. 209	PC410	17.5 gr/ 11,200 PSI	—

410 BORE, 2 1/2", WINCHESTER AA HS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1200 fps	1250 fps	1300 fps
1/2 oz.	Lil'Gun	CCI 209M	Fed. 410SC	13.2 gr / 12,300 PSI	—	—
1/2 oz.	Lil'Gun	CCI 209M	Orange PC	13.3 gr / 11,500 PSI	—	—
1/2 oz.	Lil'Gun	CCI 209M	Rem. SP410	13.2 gr / 11,700 PSI	—	—
1/2 oz.	Lil'Gun	CCI 209M	WAA41HS	13.3 gr / 12,100 PSI	—	—
1/2 oz.	Lil'Gun	Fed. 209A	Fed. 410SC	13.3 gr / 11,900 PSI	—	—
1/2 oz.	Lil'Gun	Fed. 209A	Orange PC	13.4 gr / 11,000 PSI	—	—
1/2 oz.	Lil'Gun	Fed. 209A	Rem. SP410	13.3 gr / 11,600 PSI	—	—
1/2 oz.	Lil'Gun	Fed. 209A	WAA41HS	13.7 gr / 11,900 PSI	—	—
1/2 oz.	Lil'Gun	Rem. 209P	Fed. 410SC	13.5 gr / 11,800 PSI	—	—
1/2 oz.	Lil'Gun	Rem. 209P	Orange PC	13.3 gr / 10,600 PSI	—	—
1/2 oz.	Lil'Gun	Rem. 209P	Rem. SP410	13.5 gr / 11,200 PSI	—	—
1/2 oz.	Lil'Gun	Rem. 209P	WAA41HS	13.8 gr / 11,600 PSI	—	—
1/2 oz.	Lil'Gun	Win. 209	Fed. 410SC	13.2 gr / 11,500 PSI	—	—
1/2 oz.	Lil'Gun	Win. 209	Orange PC	13.3 gr / 10,900 PSI	—	—
1/2 oz.	Lil'Gun	Win. 209	Rem. SP410	13.3 gr / 11,100 PSI	—	—
1/2 oz.	Lil'Gun	Win. 209	WAA41HS	13.5 gr / 11,700 PSI	—	—
1/2 oz.	H110	CCI 209M	Fed. 410SC	14.3 gr / 10,100 PSI	—	—
1/2 oz.	H110	CCI 209M	Rem. SP410	14.5 gr / 9,600 PSI	15.2 gr/ 10,100 PSI	16.2 gr / 11,900 PSI
1/2 oz.	H110	CCI 209M	WAA41HS	14.5 gr / 9,900 PSI	15.1 gr / 10,700 PSI	16 gr / 11,700 PSI
1/2 oz.	H110	Fed. 209A	Fed. 410SC	14.6 gr / 9,600 PSI	15.3 gr / 10,200 PSI	16.3 gr / 11,300 PSI
1/2 oz.	H110	Fed. 209A	Orange PC	15.2 gr / 8,600 PSI	15.7 gr / 9,300 PSI	16.8 gr / 10,200 PSI
1/2 oz.	H110	Fed. 209A	Rem. SP410	14.6 gr / 8,600 PSI	15.3 gr / 9,400 PSI	16.3 gr / 10,400 PSI
1/2 oz.	H110	Fed. 209A	WAA41HS	14.6 gr / 9,600 PSI	15.3 gr / 10,200 PSI	16.5 gr / 10,800 PSI
1/2 oz.	H110	Rem. 209P	Rem. SP410	16 gr / 6,900 PSI	16.5 gr / 8,400 PSI	17.4 gr / 9,300 PSI
1/2 oz.	H110	Rem. 209P	WAA41HS	16 gr / 7,400 PSI	16.5 gr / 9,000 PSI	17.6 gr / 9,900 PSI
1/2 oz.	H110	Win. 209	Fed. 410SC	15.2 gr / 9,400 PSI	15.7 gr / 10,000 PSI	16.3 gr / 11,000 PSI
1/2 oz.	H110	Win. 209	Orange PC	15.5 gr / 8,100 PSI	16.1 gr / 8,600 PSI	17 gr / 9,800 PSI
1/2 oz.	H110	Win. 209	Rem. SP410	15 gr / 8,300 PSI	15.5 gr / 9,200 PSI	16.7 gr / 10,100 PSI
1/2 oz.	H110	Win. 209	WAA41HS	15.3 gr / 8,900 PSI	16.3 gr / 9,300 PSI	16.7 gr / 10,400 PSI
1/2 oz	296	Win. 209	WAA41HS	15.3 gr/ 8,900 PSI	–	–

410 BORE, 3", REMINGTON "SP" PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*
				1135 fps
11/16 oz	LIL'GUN	Rem. 209P	Rem. SP410	12.8 gr/ 12,900 PSI
11/16 oz	LIL'GUN	Win. 209	WAA41	12.7 gr/ 13,500 PSI

410 BORE, 3", REMINGTON "SP" PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
				1135 fps	
11/16 oz	H110	Rem. 209P	Rem. SP410	15.0 gr/ 11,800 PSI	
11/16 oz	H110	Win. 209	WAA41	14.5 gr/ 12,800 PSI	
				1125fps	1175 fps
11/16 oz	IMR 4227	Fed. 209A	Rem. SP410	—	19.0 gr / 13,300 PSI
11/16 oz	IMR 4227	Rem. 209P	Rem. SP410	19.0 gr/ 10,900 PSI	—
11/16 oz	IMR 4227	Win. 209	Rem. SP410	19.0 gr/ 11,600 PSI	—

410 BORE, 3", WINCHESTER SUPER-XHS PLASTIC SHELLS

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*		
				1225 fps	1250 fps	
5/8 oz.	H110	CCI 209	WAA41HS	16.9 gr/ 12,100 PSI	17.3 gr / 12,600 PSI	
5/8 oz.	H110	Rem. 209P	Fed. 410SC	16.3 gr /13,500 PSI	—	
5/8 oz.	H110	Rem. 209P	WAA41HS	17.0 gr/ 12,300 PSI	17.5 gr / 13,400 PSI	
5/8 oz.	H110	Win. 209	Fed. 410SC	16.3 gr/ 13,000 PSI	—	
5/8 oz.	H110	Win. 209	WAA41HS	17.0 gr/ 12,400 PSI	17.5 gr / 12,900 PSI	
				1125 fps	1150 fps	1175 fps
11/16 oz.	H110	CCI 209	Fed. 410SC	15.0 gr/ 13,200 PSI	—	—
11/16 oz.	H110	CCI 209	Orange PC	14.8 gr/ 12,100 PSI	15.3 gr / 12,900 PSI	15.8 gr/ 13,500 PSI
11/16 oz.	H110	CCI 209	Rem. SP410	15.0 gr/ 13,200 PSI	—	—
11/16 oz.	H110	CCI 209	WAA41HS	15.0 gr/ 12,200 PSI	15.5 gr / 12,800 PSI	16.1 gr/ 13,400 PSI
11/16 oz.	H110	Fed. 209A	Orange PC	14.5 gr/ 12,400 PSI	15.5 gr / 13,500 PSI	—
11/16 oz.	H110	Fed. 209A	Rem. SP410	14.8 gr/ 13,000 PSI	—	—
11/16 oz.	H110	Fed. 209A	WAA41HS	14.5 gr/ 12,400 PSI	15.5 gr / 13,300 PSI	—
11/16 oz.	H110	Rem. 209P	Fed. 410SC	14.5 gr/ 13,100 PSI	—	—
11/16 oz.	H110	Rem. 209P	Orange PC	15.0 gr/ 12,200 PSI	15.5 gr / 13,300 PSI	—
11/16 oz.	H110	Rem. 209P	Rem. SP410	15.1 gr/ 13,300 PSI	—	—
11/16 oz.	H110	Rem. 209P	WAA41HS	14.8 gr/ 11,200 PSI	15.3 gr / 12,700 PSI	16.0 gr/ 13,500 PSI
11/16 oz.	H110	Win. 209	Fed. 410SC	14.8 gr/ 13,000 PSI	—	—
11/16 oz.	H110	Win. 209	Orange PC	15.0 gr/ 11,600 PSI	15.8 gr / 12,500 PSI	16.3 gr/ 13,100 PSI
11/16 oz.	H110	Win. 209	Rem. SP410	14.8 gr/ 12,600 PSI	15.3 gr / 13,500 PSI	—
11/16 oz.	H110	Win. 209	WAA41HS	15.3 gr/ 12,200 PSI	15.8 gr / 12,800 PSI	16.3 gr/ 13,500 PSI
11/16 oz	296	Win. 209	WAA41HS	15.3 gr/ 12,200 PSI	15.8 gr / 12,800 PSI	16.2 gr /13,500 PSI
				1100 fps		
3/4 oz.	H110	CCI 209	Orange PC	15.0 gr/ 13,100 PSI		
3/4 oz.	H110	CCI 209	WAA41HS	15.0 gr/ 12,600 PSI		
3/4 oz.	H110	Fed. 209A	Orange PC	14.7 gr/ 13,400 PSI		
3/4 oz.	H110	Fed. 209A	WAA41HS	14.7 gr/ 13,500 PSI		
3/4 oz.	H110	Rem. 209P	Orange PC	14.7 gr/ 13,400 PSI		
3/4 oz.	H110	Rem. 209P	WAA41HS	15.0 gr/ 13,200 PSI		
3/4 oz.	H110	Win. 209	Orange PC	15.0 gr/ 13,400 PSI		
3/4 oz.	H110	Win. 209	WAA41HS	15.0 gr/ 13,100 PSI		

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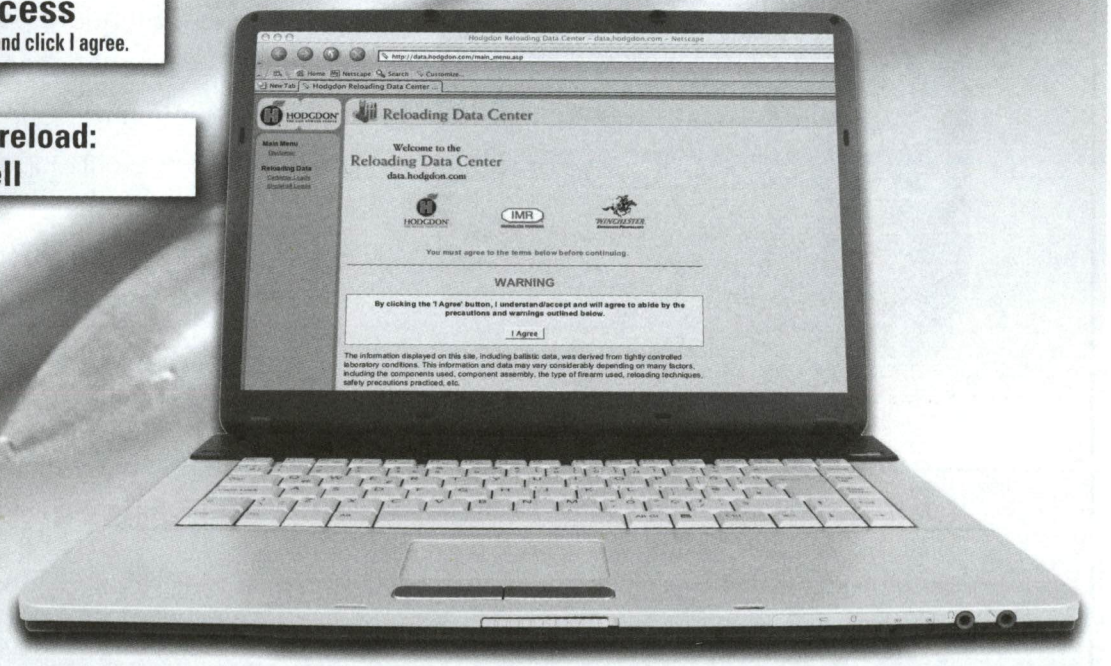

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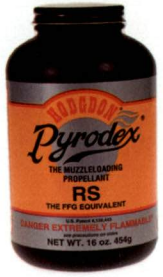

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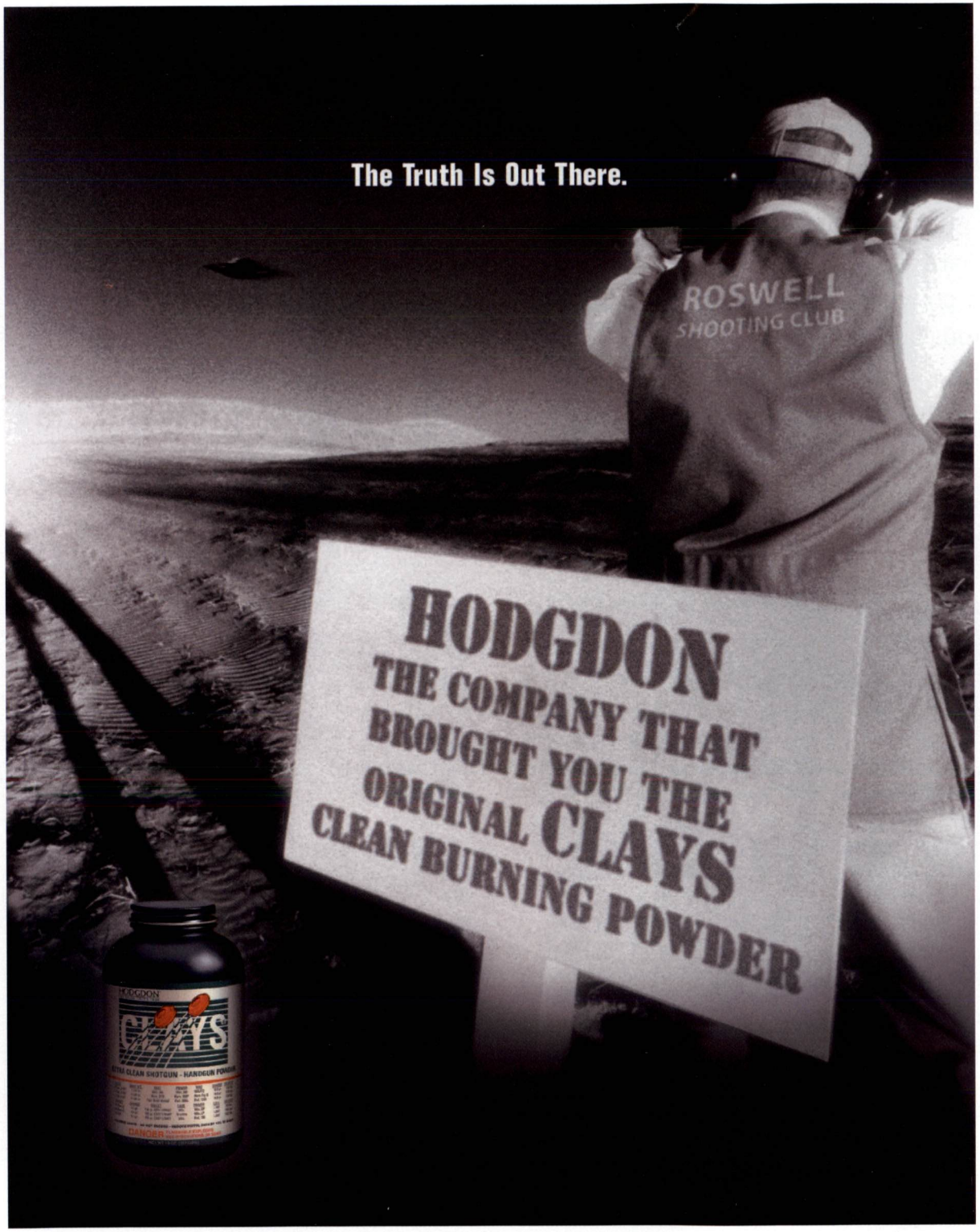
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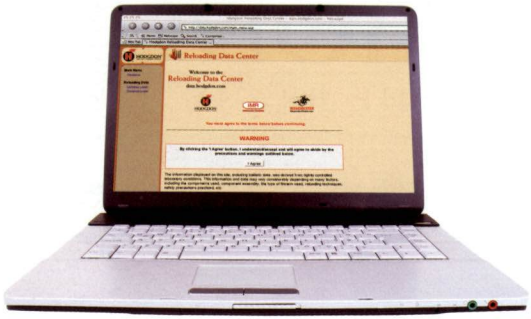

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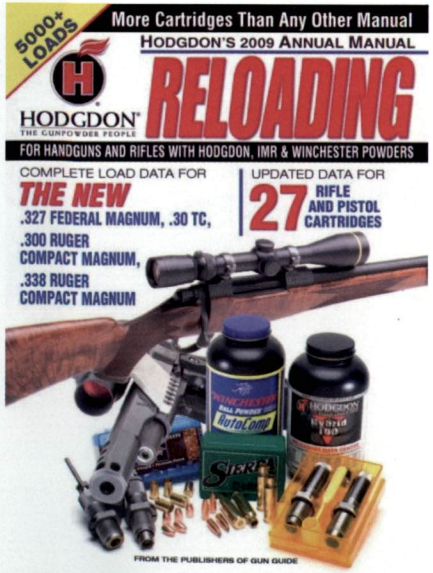

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