

Technical Information

Dissipative Anti-Fatigue Mats (Walk in comfort mat)

Anti-Fatigue ergonomic floor mats, designed to improve worker comfort and productivity.

(Part No.:(...)) End Section

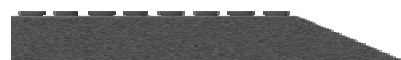
(Part No.:(...)) Middle Section



Size:

650 x 900 x 13 mm

Custom sizes on request



Walk in comfort Mat

- Static dissipative PUR material
- Ergonomic
- Soft and Elastic
- Dome Cell structure
- Improved standing comfort
- Heat and sound absorbent
- Anti-skid and shock absorbent
- Bevelled edges
- 10mm snap connection
- Standard mat sizes
- Anthracite-Grey (RAL 7016)
- CFC-free
- Complies with DIN EN 61340-5-1 and ANSI/ESD S20.20-1999
- Improved Anti-Fatigue standing and walking properties
- Interlocking mats for large area easy coverage
- Smallest configuration: 2 end tiles

Technical data:

Property	Standard	Requirement	Typical values
Thickness	EN 428		13 mm
Weight			5740 g/m ²
Size	EN 430		Interlocking mats 650 x 900 mm
Resistance to ground R _E	IEC 61340-4-1	IEC 61340-4-1 10 ⁶ < R _E ≤ 10 ⁹ Ω (Class DIF)	10 ⁷ – 10 ⁹ Ω
Wearer overall resistance R _E System	ESD STM 97.1-1999	EN 61340-5-1 ≤ 35 MΩ (≤ 3,5 x 10 ⁷ Ω) (Recommended for primary means for grounding)	10 ⁷ – 10 ⁹ Ω (depends on footwear)
Walking Test (Body voltage measurement)	ESD STM 97.2-1999	<u>Recommendation:</u> <u>Ideal:</u> Body voltage generation < 100 V <u>If body voltage > 100 V:</u> Decay time < 0,3 sec.	Body voltage < 100 V (depends on footwear)
Slip resistance	DIN 51130/ ZH1/517		R10
Shore Hardness	53505		30 Shore A (±3)
Compression Strain (40%)	53577		0,25 N/mm ²
Abrasion resistance (2,5N)	53516		< 150 mg
Tear strength	53455-6-4		> 1 N/mm ²
Elongation	53455-6-4		> 300 %
Usable temperature range			+40°C - +80°C
Flammability	DIN 4102	Class B2	Class B2

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