

An illustration showing a green extrusion printing nozzle on the left, dispensing a dark grey material onto a light grey surface. The material is being printed into a U-shaped channel. The nozzle has a green upper section and a grey lower section. The background is a light yellow gradient.

# ADVANCED FUNCTIONAL MATERIALS

## EXTRUSION PRINTING

Printed conducting carbon nanotube networks on flexible substrates can function as strain gauges and actuators. On page 4790, Geoffrey Pidcock and Marc in het Panhuis report the extrusion printing of carbon nanotubes using the biopolymer gellan gum. The biopolymer is an excellent dispersant for the nanotubes and has the appropriate flow properties to allow for controlled dispensing of carbon nanotube networks.