

Rubber Flex

Cold Applied Two-Part Liquid Rubber

Technical Data

Properties	Test Method	Technical Data
Colour		Black
Packaging		Premeasured 22.5 kg (50 lb) unit consisting of 25 L pail containing base compound and 0.55 L (1pt) can activator
Coverage		Approx. 0.45 sq m/kg (2.2 sq ft/lb) for 1.52 mm (60 mils) approx. dry thickness
Cured Thickness		1.5 mm (60 mil)
Pot Life		30 to 40 minutes at temperatures 16°C (60°F) to 27°C (80°F)
Cure Time		Light pedestrian traffic in approx. 12 hours, fully cured in 7 days
Application Temperature		Between -18°C (0°F) and any working temperature
Shelf Life		Unmixed, indefinite
Toxicity		Fresh compound contains volatile and flammable solvents. Harmful if swallowed. Avoid prolonged contact with body surface.
Caution		Harmful if swallowed, avoid prolonged skin contact with fresh material. KEEP OUT OF REACH OF CHILDREN
Tensile Strength	ASTM D412 *after aging	14.76 kg/sq cm (210 psi) 14.76 kg/sq cm (210 psi)
100% Modulus	ASTM D412 *after aging	6.33 kg/sq cm (90 psi) 7.03 kg/sq cm (100 psi)
Elongation	ASTM D412 *after aging	490% 470%
Hardness	ASTM D2240, SHORE 00 *after aging	78 80
Tear Strength	ASTM D624, DIE C	17.9 kg/cm (lineal) (100 pli)
Brittle Point	ASTM D746	-61°C (-78°F)
Water Vapour Transmission		0.54x10 ⁻³ perms, metric
Environmental Resistance		Excellent resistance to moisture, ozone, UV, extreme temperatures, industrial atmospheres
Chemical Resistance		Excellent resistance to salts, diluted acids and alkali solutions, bacteria and fungi

*heat aging for 1 week at 70°C (158°F)