

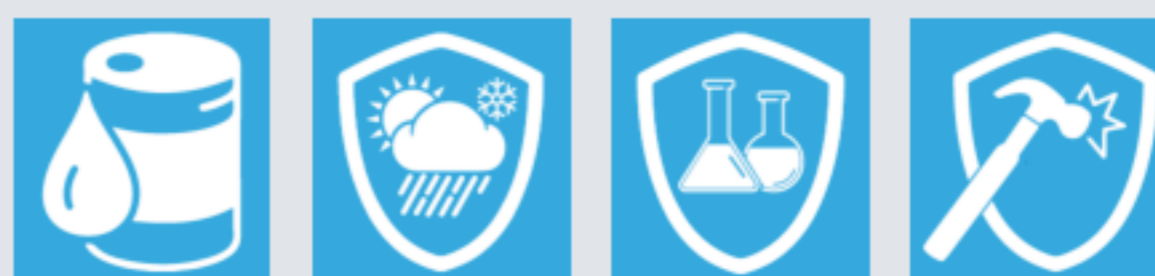
Black Closed Cell Neoprene Sponge Material Datasheet

Product Code: RC02100-1735

S.C. REF: TRC07

Material Description

Our neoprene sponge rubber is a high quality, closed cell material that combines high durability with excellent versatility. Neoprene sponge provides great UV and Ozone resistance for use in exterior environments. It is also chemically stable and provides good oil resistance, making the material ideal for use in automotive and industrial sealing applications.



Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Technical Specification

Properties	Test Method	Values
Product	-	Closed Cell Neoprene Sponge
Compound	-	CR
ASTM D1056- 14 Classification	2C3 B2 M	-
Hardness (Shore 00)	-	50° - 60°
Density	ASTM D3575	150 - 200 Kg/m ³
Tensile Strength	ASTM D412	680 - 750 kPa
Elongation at Break	ASTM D412	150 - 200%
Compression Set (25%, 22hrs @ 23°C)	ASTM D1056	1 - 3%
Compression Set (50%, 22hrs @ 23°C)	ASTM D1056	8 - 15%
Compression Deflection (25%)	ASTM D1056	60 - 90 kPa
Compression Deflection (50%)	ASTM D1056	100 - 130 kPa
Shrinkage (22hrs @ 70°C)	ASTM D573	3 - 7%
Temperature Range (Constant)	-	-40°C to +80°C
Temperature Range (Intermittent)	-	+100°C
Water absorption (Max Weight Change)	ASTM D1056	1 - 2%
Flame Resistance (>3mm)	FMVSS302	Pass
Environmental Protection	-	CFC & HCFC FREE

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.