

Closed Cell EPDM/Natural Sponge Material Datasheet

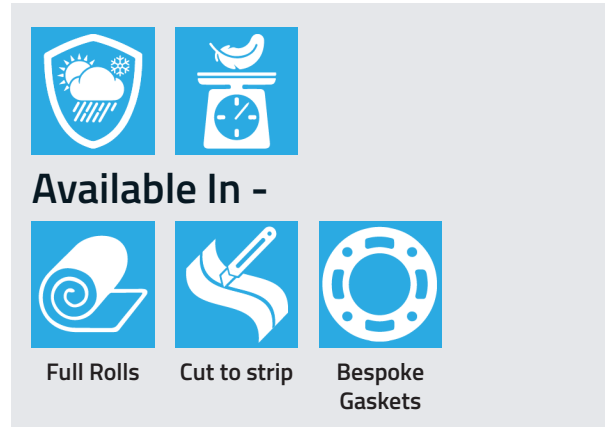
Product Code: RC02114-43

S.C. REF: TRC04

Material Description

Our epdm natural rubber sponge blend is a premium-quality, high-density, closed cell material. It combines the excellent resistance of EPDM with the physical characteristics found in natural rubber. This results in a material that is not only highly versatile, but also highly durable. The closed cell structure enables this material to create an air and watertight seal.

Technical Specification



Properties	Test Method	Values
Product	-	Closed Cell Sponge Rubber
Compound	-	EPDM/NR
ASTM D1056-14 Classification	2A3 B2 M	-
Hardness (Shore OO)	-	50° -60°
Density	ASTM D3575	270-330 kg/m ³
Tensile Strength	ASTM D412	850-1050 kPa
Elongation at Break	ASTM D412	180-250%
Compression Set (25%, 22hrs @ 23°C)	ASTM D1056	4-8%
Compression Set (50%, 22hrs @ 23°C)	ASTM D1056	8-15%
Compression Deflection (25%)	ASTM D1056	60-90 kPa
Compression Deflection (50%)	ASTM D1056	100-150 kPa
Shrinkage (22hrs @ 70°C)	ASTM D573	8-12%
Temperature Range (Constant)	-	-30°C to +100°C
Temperature Range (Intermittent)	-	110°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.