

Nitrile Coated Nylon Insertion Sheeting Datasheet

Product Code: RC0328

Product Description

Our nitrile coated nylon insertion sheeting is a high-grade material that combines the excellent resistance of nitrile with the physical reinforcement of nylon cloth. This particular grade of nitrile offers outstanding resistance against petroleum fuels, oils as well as diesel.



Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Technical Specification

Properties	Test Method	Values
Product	-	Nitrile Coated Nylon Diaphragm Sheeting
Compound	-	NBR / Nylon (150gsm)
Hardness (Shore A)	BS 903: PART A26	70° ± 5°
Density	BS 903: PART A1	1.2 g/cm ²
Tensile Strength	BS 903: PART A2	12.5 Mpa
Elongation at Break	BS 903: PART A2	250%
Compression Set (24hrs @ 70°C)	BS 903: PART A6	20%
Tear Resistance (Angular)	BS 903: PART A3	50 kg/cm
Accelerated Ageing Resistance (168hrs @ 70°C)	BS 903: PART A19	
Shore Hardness Change	BS 903: PART A26	+10° (max)
Tensile Strength Change	BS 903: PART A2	-10% (max)
Elongation at Break Change	BS 903: PART A2	-35% (max)
Volume Swell 24hrs @ 40°C)	BS 903: PART A16	
Fuel B		+25%
Low Temperature Resistance	BS 903: PART A13	-20°C
Adhesion to and Corrosion of Metals	BS 903: PART A 37	Meets Requirements
Working Temperature Range	-	-20°C to + 120°C

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.

Additional Information

Properties	Test Method	Values
Chemical Resistance		Fair
Ozone Resistance	BS 903: PART A 43	Good
Dilute Acids & Bases Resistance	BS 903: PART A26	Not Recommended
Mineral Oil / Petroleum Resistance		Excellent
Solvents Resistance		Fair

Standard Sizes

Properties	Weight (Kg/m ²)
1.5mm x 1.5m x 10m	2.10
2mm x 1.5m x 10m	2.80
3mm x 1.5m x 10m	4.20
4mm x 1.5m x 10m	5.60
6mm x 1.5m x 10m	8.40



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