

Nitrile Coated Nylon Insertion Sheeting Datasheet - 0.5mm

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, and diesel.



Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Technical Specification - 0.5mm

Property	Test Method	Value
Volume Swell: At 40 °C For 24hrs/in		
Fuel B (Max)	BS 903: Part A16	+25%
Resistance to low temperatures in °C at which the stiffness shall not exceed 70MPA	BS903: Part A13	-25
Adhesion to and corrosion of metals at 70°C/168 hrs	BS 903: Part A37	MEETS REQUIREMENTS
Polymer Content (Nitrile)		100%
Additional Information		
Chemical		
Ozone	BS 903: Part A43	FAIR
Dilute Acids and Bases	BS 903: Part A16	GOOD
Concentrated Acid and Bases		NOT RECOMMENDED
Mineral Oil/Petroleum		EXCELLENT
Solvents		FAIR
LPG/CNG		GOOD
Water		GOOD

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.

Technical Specification

Volume Swell: At 70°C for 72hrs/in	
IRM / ASTM Oil No. 1	-3%
IRM / ASTM Oil No. 2	-2%
IRM / ASTM Oil No. 3	+10%

Elastomer Characteristics	Value	Test Method
Elastomer	NBR Nitrile Rubber	BS2751 BA70
Hardness	70 ± 5 SH A	DIN 53505
Colour	Black	
Fabric Characteristics		
Fabric	10056	
Weight	180 GSM	
Thickness	0.23mm	

Coated Fabric Characteristics

Elastomer Characteristics	Value	Test Method
Thickness	0.50 ± 0.05	
Weight	650 ± 50	ASTM D-751 IS-7016 (Pt-I)
Tensile Strength kg/50mm	Warp	ASTM D-751 IS 7016-Part II ISO-1421
	Weft	
Elongation at Break	Warp	30% (max)
	Weft	
Adhesion (Peel Strength) kg/25mm	5kg	ASTM D-751
Temperature Range	-25° to +110°C	
Mullen Burst Rating	500 PSI	



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