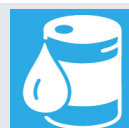


Nitrile BS 2751 Sheetting 80° Shore A Datasheet

Product Code: RC0307-80

Product Description

Our nitrile BS 2751 rubber sheetting provides exceptional durability, as well as resistance for use in a variety of applications. A key feature of this particular grade is the excellent oil, fuel and chemical resistance. This enables our sheetting to provide the highest level of safety in demanding applications.



Oil-Resistant



High Strength

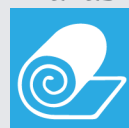


Durable



High Temperature

Available In -



Full Rolls



Cut to Strip



Bespoke Gaskets

Technical Specification

Property	Test Method	Value
Product	-	BS 2751 Grade Nitrile Rubber Sheetting
Compound	-	NBR
Density	BS 903: Part A1	1.25Mg/m ³ ±0.02
Hardness	BS 903: Part A26	80 IRHD +5/-4
Tensile Strength	BS 903: Part A2	12.5MPa
Elongation at Break	BS 903: Part A2	150%
Compression Set (70°C for 24 hours at 25% set)	BS 903: Part A6	20%
Tear Resistance (Angular)	BS 903: Part A3	55kg/cm
Resistance to Accelerated Ageing (168 hours at 70°C)	BS 903: Part A19	-
Hardness	BS 903: Part A26	+10 (max)
Tensile Strength	BS 903: Part A2	-10% (max)
Elongation at Break	BS 903: Part A2	-35% (max)

Continued...



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Property	Test Method	Value
Volume Swell (at 40°C for 24 hours/in)	BS 903: Part A16	-
Fuel B	-	+25% (max)
Volume Swell (at 70°C for 72 hours/in)	-	-
IRM / ASTM Oil No. 1	-	-3%
IRM / ASTM Oil No. 2	-	-2%
IRM / ASTM Oil No. 3	-	+10%
Adhesion to and Corrosion of Metals (at 70°C for 168 hours)	BS 903: Part A37	Meets requirements
Chemical Resistance		
Ozone	BS 903: Part A43	Fair
Dilute Acids and Bases	BS 903: Part A16	Good
Concentrated Acids and Bases	-	Not recommended
Mineral Oil/Petroleum	-	Excellent
Solvents	-	Fair
Polymer Content (Nitrile)	-	100%
Working Temperature Range	-	-20°C to +110°C
Colour	-	Black



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