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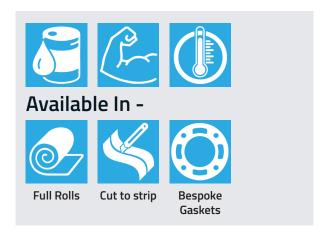


## 50° - Nitrile BS2751 Rubber Sheeting Datasheet

Product Code: RC0307-50

## **Product Description**

Our nitrile BS2751 rubber sheeting provides exceptional durability as well as resistance for use in a variety of applications. A key feature of this particular grade is the products excellent oil, fuel and chemical resistance. This enables our sheeting to provide the highest level of safety in demanding applications.



## **Technical Specification**

Properties	Test Method	Values	
Product	-	BS2751 Grade Nitrile Rubber Sheeting	
Compound	-	NBR	
Hardness (Shore A)	BS903: Part A26	50° ± 5°	
Density (Specific Gravity)	BS 903: Part A1	1.15 kg/m³	
Tensile Strength	BS 903: Part A2	7.5 MPa	
Elongation at Break	BS 903: Part A2	450%	
Tear Resistance	BS 903: Part A3	35 Kg/cm	
Compression Set (24hrs @ 70°C)	BS 903: Part A6	25%	
Working Temperature Range	-	-30°C to +120°C	
Heat Ageing (168hrs @ 70°C)			
Hardness Change	BS 903: Part A26	+10°	
Tensile Strength Change	BS 903: Part A2	-10%	
Elongation at Break Change	BS 903: Part A2	-35%	
Volume Swell (24hrs @ 40°C)			
Fuel B	-	+ 30 (Max)	

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.



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Properties	Test Method	Values		
Resistance to Low Temperature (The Stifness Shall Not Exceed 70 MPa)	BS 903: Part A13	-30°C		
Adhesion to and Corrosion of Metals (168hrs @ 70°C)	BS 903: Part A 37	Meets Requirements		
Chemical Resistance				
Ozone Resistance	BS 903: Part A 43	Fair		
Dilute Acids and Bases Resistance	BS 903: Part A16	Good		
Contentrated Acid and Bases Resistance	-	Not Recommended		
Mineral Oil / Petroleum Resistance	-	Excellent		
Solvent Resistance	-	Fair		
Volume Swell (24hrs @ 70°C)				
IRM / ASTM Oil No.1	-	-3%		
IRM / ASTM Oil No.1	-	-2%		
IRM / ASTM Oil No.1	-	+10%		

## **Standard Sizes**

Properties	Weight (Kg/m²)
1mm x 1.4m x 10m	1.35
1.5mm x 1.4m x 10m	2.03
2mm x 1.4m x 10m	2.70
2.5mm x 1.4m x 10m	3.38
3mm x 1.4m x 10m	4.05
5mm x 1.4m x 10m	6.75
6mm x 1.4m x 10m	8.10
10mm x 1.4m x 10m	13.50

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