

Hydrogenated Nitrile Rubber Sheeting HNBR Datasheet

Product Code: RC0364

Product Description

Our hydrogenated nitrile HNBR is a premium grade material that offers superior resistance and physical properties compared to our other nitrile material grades. Also known as saturated nitrile, this material is produced by introducing hydrogen into the saturate of the nitrile material. We supply this material in a range of thicknesses from 1mm to 6mm as standard.



Available In -



Full Rolls

Cut to strip

Bespoke
Gaskets

Technical Specification

Properties	Test Method	Values
Product	-	Hydrogenated Nitrile Sheeting
Compound	-	NBR
Hardness (Shore A)	ASTM D2240	70° ± 5°
Density	ASTM D297	1.40 g/cm ²
Tensile Strength	ASTM D412	100 kg/cm ²
Elongation at Break	ASTM D412	200%
Tear Strength	ASTM D624	45 kg/cm
Compression Set (22h, 70°C)	ASTM D395 Method B	50%
Working Temperature Range	-	-35°C to + 160°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.



Manufacturers · Designers · Distributors

Experts in
Rubber

Standard Sizes

Properties	Weight (Kg/m ²)
1mm x 1.4m x 20m	1.2
2mm x 1.4m x 20m	2.4
3mm x 1.4m x 10m	3.6
5mm x 1.4m x 10m	6.0
6mm x 1.4m x 10m	7.2



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E sales@therubbercompany.com • W www.therubbercompany.com • T +44 (0) 1794 513 184

The Rubber Company Limited - Registered in England and Wales
Company Number - 08350831 | VAT Number - GB 156 8355 80