

Commercial Grade Nitrile Rubber 50° Shore Datasheet

Product Code: RC0341

Product Description

Our commercial grade nitrile rubber 50° shore is a soft material that provides a cost efficient alternative to our premium grade materials. This material is suitable for use in general-purpose applications where the material is not put under much duress. We can supply this particular material in a wide range of thicknesses ranging from 0.5mm to 40mm.

Technical Specification



Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Properties	Test Method	Values
Product	-	Commercial Grade Nitrile Rubber Sheeting
Compound	-	NBR / SBR
Hardness (Shore A)	ISO 7619-1	50° ± 5°
Density (Specific Gravity)	ISO 2781	1.45 g/cm ²
Tensile Strength	ISO 37	4 N/mm ²
Elongation at Break	ISO 37	250%
Tear Strength	ISO 34-1	10 kg/cm
Abrasion Resistance	ISO 37	350 mm ³
Compression Set (22hrs @ 70°C)	ISO 37	50%
Working Temperature Range	-	-30°C to + 110°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.

Standard Sizes

Properties	Tolerances
1mm x 1.4m x 10m	+/- 0.2mm
1.5mm x 1.4m x 10m	+/- 0.3mm
3mm x 1.4m x 10m	+/- 0.3mm
4mm x 1.4m x 10m	+/- 0.4mm
5mm x 1.4m x 10m	+/- 0.4mm
6mm x 1.4m x 10m	+/- 0.5mm

Made To Order Sizes - Subject To Minimum Order Quantities

Properties	Tolerances
0.5mm x 1.4m x 10m	+/- 0.2mm
8mm x 1.4m x 5m	+/- 0.7mm
10mm x 1.4m x 5m	+/- 1mm
15mm x 1.4m x 5m	+/- 1mm
20mm x 1.4m x 5m	+/- 1.4mm
25mm x 1.4m x 5m	+/- 1.75mm
32mm x 1m x 1m	-
38mm x 1m x 1m	-
40mm x 1m x 1m	-



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