

60° - Nitrile BS2751 Rubber Sheeting Datasheet

Product Code: RC0307-60

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.



Available In -



Full Rolls

Cut to strip

Bespoke
Gaskets

Technical Specification

| Properties | Test Method | Values |
|------------------------------------|------------------|--------------------------------------|
| Product | - | BS2751 Grade Nitrile Rubber Sheeting |
| Compound | - | NBR |
| Hardness (Shore A) | BS903: Part A26 | 60° ± 5° |
| Density (Specific Gravity) | BS 903: Part A1 | 1.20 kg/m ³ |
| Tensile Strength | BS 903: Part A2 | 8.5 MPa |
| Elongation at Break | BS 903: Part A2 | 400% |
| Tear Resistance | BS 903: Part A3 | 45 Kg/cm |
| Compression Set (24hrs @ 70°C) | BS 903: Part A6 | 20% |
| Working Temperature Range | - | -25°C to +110°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 | - | + 25 (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.



Manufacturers · Designers · Distributors

Experts in
Rubber



| Properties | Test Method | Values |
|--|-------------------|--------------------|
| Resistance to Low Temperature (The Stiffness Shall Not Exceed 70 MPa) | BS 903: Part A13 | -25 °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/m ²) |
|--------------------|-----------------------------|
| 1mm x 1.4m x 10m | 1.40 |
| 1.5mm x 1.4m x 10m | 2.10 |
| 2mm x 1.4m x 10m | 2.80 |
| 2.5mm x 1.4m x 10m | 3.50 |
| 3mm x 1.4m x 10m | 4.20 |
| 5mm x 1.4m x 10m | 7.00 |
| 6mm x 1.4m x 10m | 8.40 |
| 10mm x 1.4m x 10m | 14.00 |

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