

Nitrile PVC Sponge Rubber

Product Code: RC02109

Key Features

- Flame retardant to BS476 Part 6 Class 0 specification
- Excellent thermal & acoustic insulation properties
- Eliminates condensation and prevents corrosion
- Excellent sealing against air, dust, and moisture

Attributes



Flexible



Noise Reduction



Flame Retardant

Available in:



Full Rolls



Cut Strips



Bespoke Gaskets

Technical Data

Property	Value
Compound	Nitrile / Polyvinyl Chloride
Hardness (Shore OO)	10° - 20°
Density	60 - 90 kg/m ³
Tensile Strength	≥ 100 kPa
Tear Strength	≥ 0.2 kN/m
Elongation at Break	≥ 80 %
Compression Set (22 h @ 23° C, 50 %)	≤ 25 %
Compression Set (22h @ 40° C, 50 %)	≤ 40 %
Compression Deflection (25 %)	5 - 20 kPa
Compression Deflection (50 %)	35 - 65 kPa
Linear Shrinkage (after 24 h @ 70° C)	≤ 5 %
Dimensional Stability (after 3 h @ 80° C)	≤ 5 %
Reduction Sound Absorption (ISO 354:2003)	Up to 0.8 dB
Thermal Conductivity @ 0° C	0.034 W/(m·k)
Thermal Conductivity @ +20° C	0.038 W/(m·k)
Thermal Conductivity @ +40° C	0.038 W/(m·k)

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.

E sales@therubbercompany.com

W www.therubbercompany.com

T +44 (0) 1794 513 184

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Company Number - 08350831 | VAT Number - GB 156 8355 80



Technical Data Continued

Property	Value
Temperature Range	-50° C to +85° C
Water Absorption (Max Weight Change)	0.2 %
Flame Rating (DIN 4102 B1)	Z-23.14-1142
Flame Rating (BS476 Part 6 1989)	Class 0
Flame Rating (UL94-VO (> 3.3mm))	Yellow Card No E475316
Environmental Protection	CFC & HCFC Free
VDI 6022	Pass

Approvals



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