

PVC/Nitrile Sponge

Product Code: RC02109

S.C. REF: TRC14

Key Features

- Dust & fibre free
- Air & watertight material
- Good oil, UV & Ozone resistance
- Flame retardant to BS476 Part 6 Class 0 specification
- Excellent thermal insulation properties
- Wide operating temperature range
- Available in a variety of formats & sizes



Available In -



Technical Specification

Properties	Values
Compound	PVC/NBR
Density	60 - 90 Kg/m ³
Tensile Strength	>=100 kPa
Elongation at Break	>=80%
Tear Strength	>=0.2 kN/m
Compression Set (50% @ 23°C for 22 hours)	<= 25%
Compression Set (50% @ 40°C for 22 hours)	<=40%
Compression Deflection (25%)	5-20 kPa
Compression Deflection (50%)	35-65 kPa
Linear Shrinkage (after 24h @ 70°C)	<=5%
Dimensional Stability (after 3h @ 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)
Water Absorption (Max Weight Change)	0.2%
Flame Rating (BS476 Part 6 1989)	Class 0
Temperature Range (indicative)	-50°C to +85°C

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