

FEATURES

- White silicone sponge rubber sheets
- Length of 1 m
- Width of 600 mm
- Thickness of 6 mm
- Density of 0.25g/cm³
- Closed-cell structure, providing excellent thermal insulation and waterproofing
- Shore A Hardness Scale rating of 13
- Resistant to UV and ozone
- Minimum operating temperature range of -60°C
- Maximum operating temperature of +200°C

RS PRO White Rubber Sponge Sheet, 1m x 600mm x 6mm

RS Stock No.: 733-6722



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This white rubber sponge sheet is easy to cut and shape and provides a tight, secure fit, making it the ideal choice for packaging or insulation.

Made from silicone rubber, this sheet has a closed-cell structure to prevent liquids and gases passing through, so it provides an effective seal. It also features UV and ozone resistance, and can withstand a wide range of temperatures, from -60°C to +200°C. That means the material is well suited to a variety of harsh environmental conditions. The silicone sponge rubber sheet returns to its original shape after compression, so it's highly malleable, and it's great for soundproofing, as it reduces vibration and noise.

General Specifications

Colour	White
Material	Silicone
Suitability	Cold Water, Ethylene Glycol, Hot Water
Application	Automotive, Construction, Electronics, Energy

Electrical Specifications

Dielectric Strength	23kV.mm ⁻¹
Dielectric Constant	2.9
Dissipation Factor At 50c/s	3x10 ⁻¹
Volume Resistivity	3x10 ¹⁵ Ocm

Mechanical Specifications

Length	1m
Thickness	6mm
Width	600mm
Density	0.25g/cm ³
Elongation	100% to 200%
Hardness	11 +/-4, 13
Tensile Strength	1.2Nmm ⁻² Minimum
Limiting Oxygen Index	24%
Thermal Conductivity	0.24W.m ⁻¹ .k ⁻¹
Radiation Resistance	>10 ⁵ Grays (107 Rads) Typical
Compression Stress At 40% Strain	90kPa
Compression Set 22Hours At 70°C	10%

Operation Environment Specifications

Maximum Operating Temperature	+200°C
Minimum Operating Temperature	-60°C
Brittle Point	-80°C (-112°F)

Approvals

Compliance/Certifications	ASTM D746, BS2872, VDE 0304, VDE 0303, RoHS Compliant
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