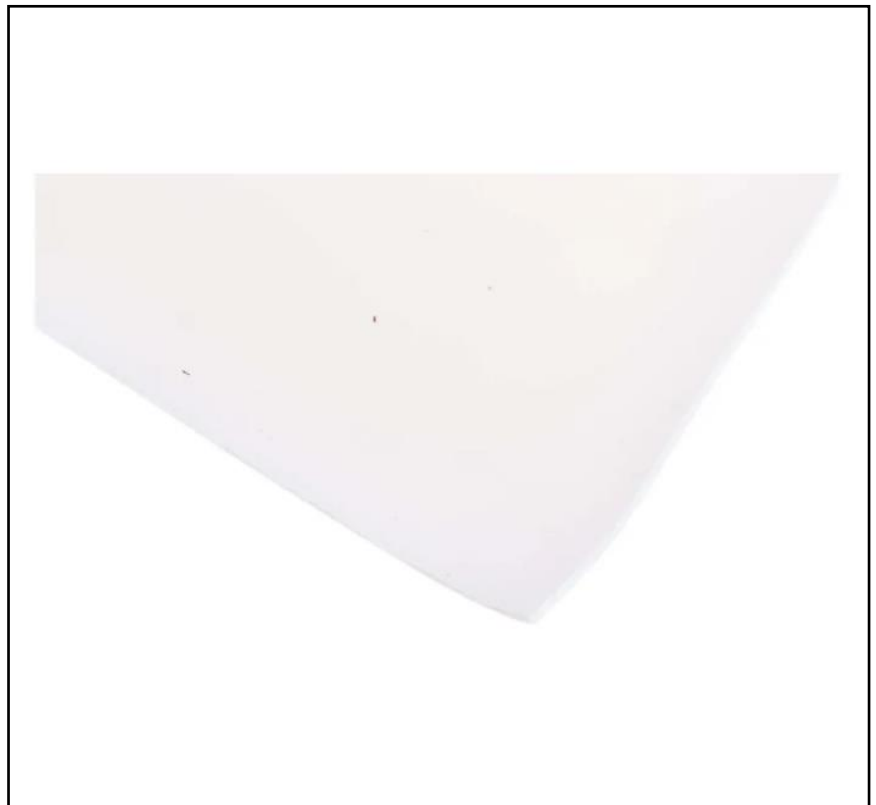


FEATURES

- White silicone sponge rubber sheets
- Length of 1 m
- Width of 600 mm
- Thickness of 1.5 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 1.5mm

RS Stock No.: 733-6719



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 silicone rubber sponge sheet will provide a tight and secure fit for your packaging needs, and is great for insulation, as it's easily cut to any shape you require.

The rubber sheet's closed-cell structure prevents liquids and gases from passing through. It can withstand temperature extremes of as low as -60°C to as high as $+200^{\circ}\text{C}$, and features resistance to ozone and ultra-violet (UV) light, so it's suitable for use in a wide range of volatile environmental conditions. The silicone rubber sheet also has a relatively low compression rate, so it will return to its original shape after pressing or squeezing.

General Specifications

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

Electrical Specifications

Dielectric Strength	$23\text{kV}\cdot\text{mm}^{-1}$
Dielectric Constant	2.9
Dissipation Factor At 50c/s	3×10^{-1}
Volume Resistivity	$3 \times 10^{15}\text{Ocm}$

Mechanical Specifications

Length	1m
Thickness	1.5mm
Width	600mm
Density	0.25g/cm ³
Elongation	100% to 200%
Hardness	11 +/-4, 13
Tensile Strength	1.2Nmm ⁻² Minimum
Limiting Oxygen Index	24.00%
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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