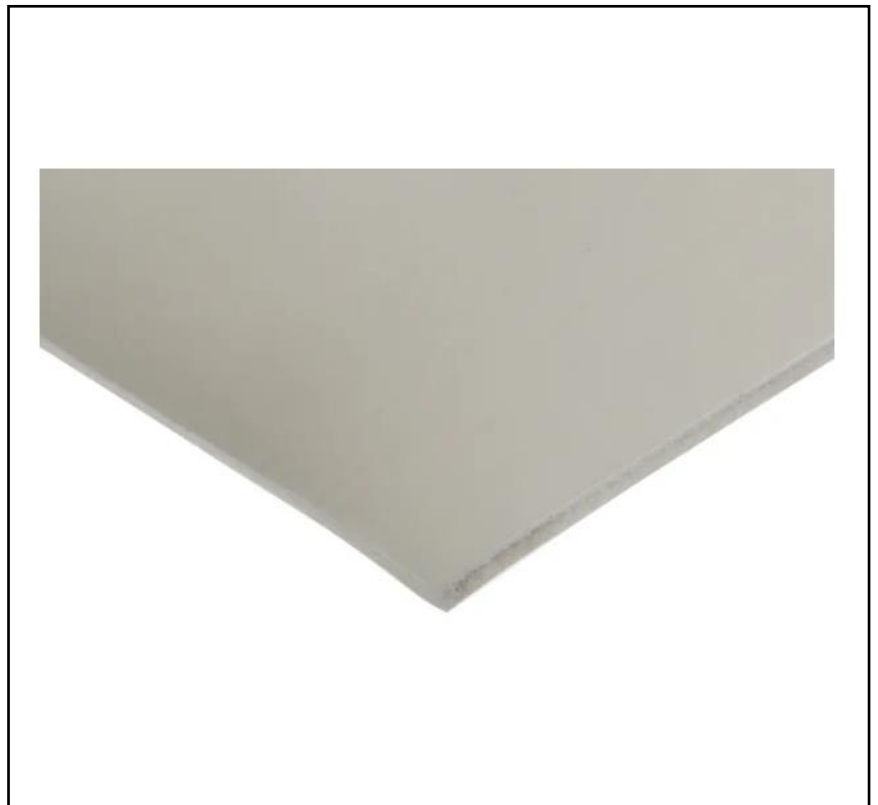


FEATURES

- White silicone sponge rubber sheets
- Length of 1 m
- Density of 0.25g/cm³
- Adhesive backing
- 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.: 733-6738



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

The closed-cell structure of this silicone rubber sheet ensures liquids and gases can't pass through, so it can withstand volatile environmental conditions. It's also resistant to UV and ozone and functions in temperatures ranging from -60°C to +200°C. Its relatively low compression rate makes it a malleable option as it returns to its original shape. The silicone sponge rubber construction helps to reduce vibration and noise, so it's useful for soundproofing.

General Specifications

Colour	White
Adhesive Backing	Yes
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	13
Tensile Strength	1.2Nmm ⁻²
Limiting Oxygen Index	24.00%
Thermal Conductivity	0.24W.m ⁻¹ .k ⁻¹
Radiation Resistance	>10 ⁵ Grays (10 ⁷ 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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