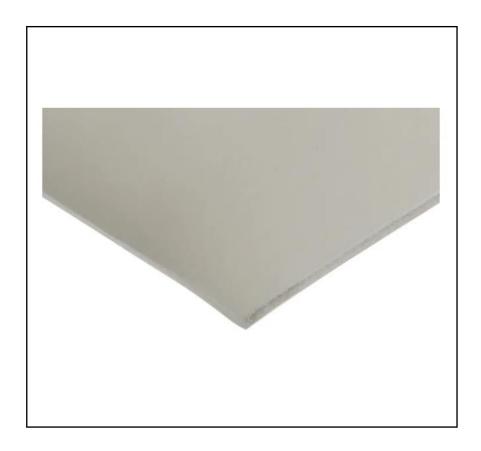


### **FEATURES**

- White silicone sponge rubber sheets
- Length of 1 m
- Width of 600 mm
- Thickness of 3 mm
- Density of 0.25g/cm<sup>3</sup>
- 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 3mm

RS Stock No.: 733-6729



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**

If you need tight, secure packing or soft and durable insulation, this RS PRO white rubber sponge sheet is easily cut into any shape.

The silicone rubber sheet creates an air- and watertight seal, because its closed-cell structure prevents liquids and gases from passing through. It also boasts UV and ozone resistance and retains its properties in a range of temperatures from -60°C to +200°C. That makes it suitable for a variety of harsh environments. The rubber sheet also has a low compression rate, returning to its original shape after pressing or deforming. In addition, it's a useful soundproofing layer, as it reduces vibration and noise.

#### **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 <sup>-1</sup>
Dielectric Constant	2.9
Dissipation Factor At 50c/s	3x10 <sup>-1</sup>
Volume Resistivity	3x10 <sup>15</sup> Ocm



# **Mechanical Specifications**

Length	1m
Thickness	3mm
Width	600mm
Density	0.25g/cm <sup>3</sup>
Elongation	100% to 200%
Hardness	13
Tensile Strength	1.2Nmm <sup>-2</sup> Minimum
Limiting Oxygen Index	24.00%
Thermal Conductivity	0.24W.m <sup>-1</sup> .k <sup>-1</sup>
Radiation Resistance	>10⁵ 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

