

FEATURES

- Commercial translucent silicone rubber sheet
- Wide operational temperature range
- Good electrical insulation properties
- Length of 600 mm
- Width of 600 mm
- Thickness of 3 mm
- Density of 1.2g/cm³
- FDA and WRAS approved
- Resistant to ozone, oxidation and UV light
- Minimum operating temperature of -60°C
- Maximum operating temperature of +230°C

RS PRO Translucent Rubber Sponge Sheet, 600mm x 600mm x 3mm

RS Stock No.: 878-8578



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 translucent silicone rubber sheet provides excellent electrical insulation at a wide range of temperatures, and is suitable for use in high-voltage circuit-breaker switches.

The silicone rubber sheet can withstand extreme temperatures – from -60°C to +230°C. Rigid, but flexible, it scores 60±5 on the Shore A hardness scale and features high ozone, UV and oxidation resistance.

General Specifications

Colour	Translucent
Suitability	FDA and WRAS approval for use with food and drink
Flammability Rating	FAR 25/JAR 25/CS 25 Appendix F, part 1
Material	Silicone
Application	Electrical insulation, food, beverage and pharmaceutical industries, packaging, lighting seals and insulation

Electrical Specifications

Dielectric Strength	23kV/mm
Dielectric Constant	2.9

Mechanical Specifications

Length	600mm
Thickness	3mm
Width	600mm
Density	1.2g/cm ³
Elongation	100%
Hardness	60±5 Shore A
Tensile Strength	1146psi
Tear Strength	14.2N/mm

Operation Environment Specifications

Maximum Operating Temperature	+230°C
Minimum Operating Temperature	-60°C

Approvals

Compliance/Certifications	RoHS Compliant; FDA 21 CFR 177-2600; WRAS 1310541; FAR 25/JAR 25/CS 25 Appendix F part 1; 571FMVSS302
----------------------------------	---