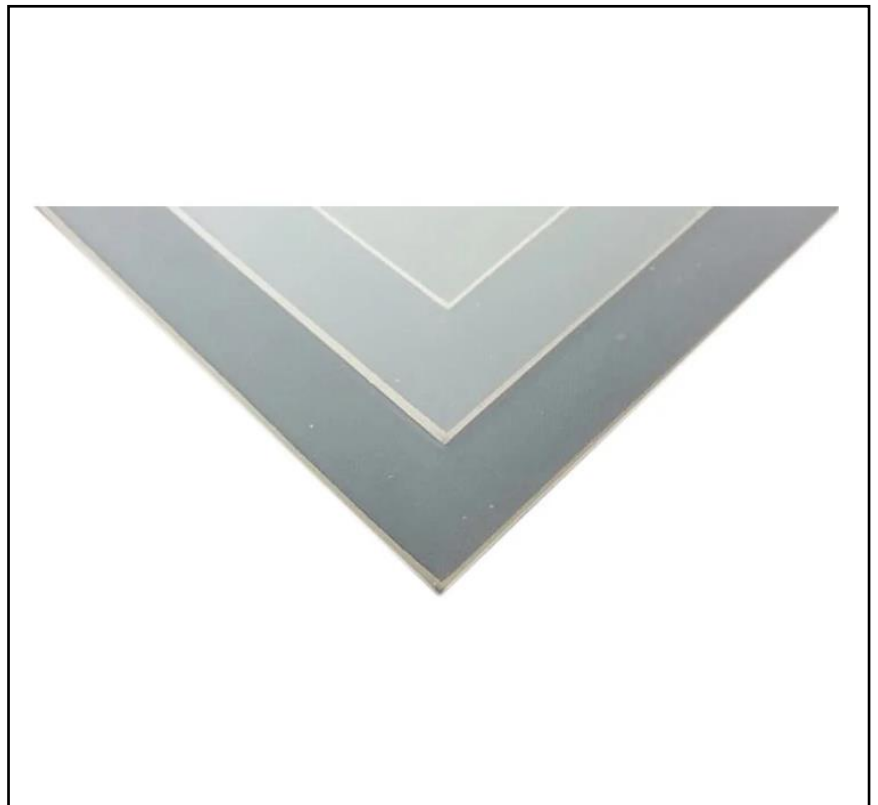


## FEATURES

- Commercial translucent silicone rubber sheet
- Wide operational temperature range
- Good electrical insulation properties
- 600 mm in length
- Density of 1.2g/cm<sup>3</sup>
- FDA and WRAS approved
- 340% elongation so it stretches to almost three and a half times its original length
- 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 1.5mm

RS Stock No.: 840-5541



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

For a versatile material that provides excellent electrical insulation at a wide range of temperatures, look to this translucent silicone rubber sheet. Thanks to its insulating properties, it can be used in high-voltage circuit-breaker switches.

This silicone rubber sheet can be used at extreme temperatures ranging from -60°C to +230°C. With a score of 60±5 on the Shore A hardness scale, it's a rigid but flexible rubber. It also boasts a high resistance to ozone, UV light and oxidation.

## General Specifications

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

## Electrical Specifications

<b>Dielectric Strength</b>	23 kV/mm
<b>Dielectric Constant</b>	2.9

## Mechanical Specifications

<b>Length</b>	600mm
<b>Thickness</b>	1.5mm
<b>Width</b>	600mm
<b>Density</b>	1.2g/cm <sup>3</sup>
<b>Elongation</b>	340%
<b>Hardness</b>	60±5 Shore A
<b>Tensile Strength</b>	1146psi
<b>Tear Strength</b>	14.2N/mm

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	+230°C
<b>Minimum Operating Temperature</b>	-60°C

## Approvals

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