



ENGLISH

Datasheet

RS Pro Translucent Silicone Rubber Sheet, 600mm x 600mm x 1.5mm

RS Stock No: **840-5541**



Product Details

RS Pro silicone rubber sheet in translucent colour, measures 600 x 600 x 1.5 mm and offers good electrical insulation properties. The sheet offers good resistance to ozone, oxidation, UV light, corona, discharge, cosmic radiation, ionising radiation and weathering in general. This silicon rubber sheet meets American food and drugs administration (FDA) 21 CFR 177-2600, approved by WRAS (water regulations advisory service), listing number 1310541, flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, part 1 and automotive standard PART 571FMVSS302 standards.

Features and Benefits

- Commercial translucent silicone rubber sheet
- Wide operational temperature range
- Good electrical insulation properties
- Good resistance to ozone, oxidation, UV light, corona, discharge, cosmic radiation, ionising radiation and weathering in general

**Specifications:**

Colour	Translucent
Suitability	FDA & WRAS approval for use with food & drink
Density	1.2 g/cm ³
Elongation	340%
Length	600 mm
Maximum Operating Temperature	+230°C
Minimum Operating Temperature	-60°C
Thickness	1.5 mm
Width	600 mm
Dielectric Constant	2.9
Dielectric Strength	23 kV/mm
Hardness	60±5 Shore A
Standards Met	RoHS Compliant; FDA 21 CFR 177-2600; WRAS 1310541; FAR 25/JAR 25/CS 25 Appendix F part 1; 571FMVSS302
Tear Strength	14.2 N/mm
Tensile Strength	1146 psi