



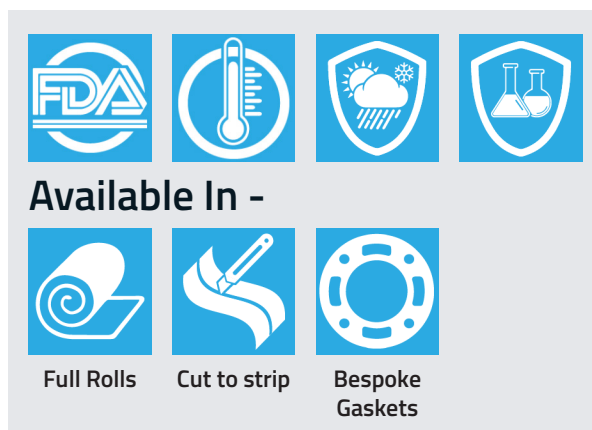
## Solid Silicone Sheeting 50°

Product Code: RC0323-50-200

### Product Description

We can supply solid silicone sheeting in a wide variety of colours and thicknesses. We supply this particular material in 200mm x 200mm sheets. This makes them ideal for smaller applications or for testing before purchasing full size sheets or rolls. We produce these smaller sheets from the exact same high quality material as our larger sheets.

### Technical Specification



Properties	Test Method	Values
Hardness (Shore A)	DIN ISO 7619-1	50°
Tensile Strength	ISO 37 type 1	9.0 MPa
Elongation at Break	ISO 37 type 1	450%
Tear Strength (N/mm)	ASTM D624	18.0
Compression Set (24h, 150°C)	BS 903 pt A6	15%
Compression Set (22h, 300°F)	ASTM D395	16%
Working Temperature Range	-	-60°C to + 230°C
Brittle Point	ASTM D746	-80°C (-112°F)
Limiting Oxygen Index	BS 2782 Part 1	24.0%
Thermal Conductivity	VDE 0304	0.24 W.m <sup>-1</sup> .K <sup>-1</sup>
Radiation Resistance	-	>10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) typical
Dielectric Strength	VDE 0303	23 kV.mm <sup>-1</sup>
Dielectric Constant	VDE 0303	2.9
Dissipation Factor	VDE 0303	3x10 <sup>-4</sup>
Volume Resistivity	VDE 0303	3x10 <sup>15</sup> Ω.cm

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. RubberSmart cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.