

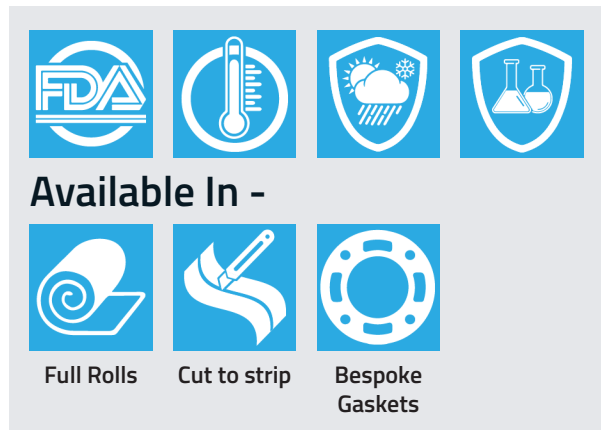
## Solid Silicone Sheeting Datasheet

Product Code: RC0323

### Product Description

Our range of solid silicone sheets are the perfect product for applications which require good sealing capabilities in both high and low temperatures. Silicone offers great durability as well resistance properties while also being incredibly non-toxic and pure. It also has excellent electrical insulation and good release properties.

### Technical Specification



Properties	Test Method	30°	40°	50°	60°	70°	80°
Tensile Strength	ISO 37 type 1	8.0 MPa	9.0 MPa	9.0 MPa	10.0 MPa	10.0 MPa	7.0 MPa
Elongation at Break	ISO 37 type 1	500%	625%	450%	400%	320%	215%
Tear Strength (N/mm)	ASTM D624	16.0	23.0	18.0	22.0	20.0	17.0
Compression Set (24h, 150°C)	BS 903 pt A6	23%	25%	15%	13%	9%	18%
Compression Set (22h, 300°F)	ASTM D395	20%	22%	16%	10%	10%	16%
Working Temperature Range	-	-60°C to + 200°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					



ISO  
9001 : 2015  
REGISTERED

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