

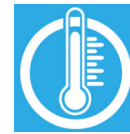
P16 Silicone Sponge Rubber Strip

Product Code: RC1101-SILSP

Key Features

- Medium-density, closed-cell sponge material
- Extruded with skin on all four sides for protection against dust and moisture ingress (IP65)
- Flame retardant
- Ideal for sealing electrical enclosures, vibration dampening applications, and more
- Maximum recommended compression of 30% of initial thickness

Attributes

High
TemperatureFlame
RetardantWeather-
Resistant

Technical Data

Property	Test Method	Value
Material	-	Expanded Silicone
Colour	-	White
Density	ISO 845	250 kg/m ³
Hardness (Shore OO)	ASTM D2240	47° ±5
Hardness (Shore A)	ASTM D2240	5°
Compression Strain (40% Strain)	ISO 3387 Part 1, 2	75 kPa
Tensile Strength	ISO 1798	0.6 MPa
Elongation at Break	ISO 1798	150 %
Compression Set (50 %, 24 h recovery, 22 h @ 70° C)	ISO 1856	2 %
Compression Set (50 %, 24 h recovery, 22 h @ 100° C)	ASTM D1056	10 %
Water Absorption	ASTM D1056	0.2 %
Brittle Point	ASTM D746	-80° C
Limiting Oxygen Index	BS 2782 Part 1	24 %
Thermal Conductivity	BS 874 Part 2	0.070 W.O.1.K.1 / 6,4x10 ⁻² W.m ⁻¹ .K ⁻¹
Radiation Resistance	-	>10 ⁵ Grays (10 ⁷ Rads) typical

Continued overleaf

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 or The Rubber Company 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.

The smart way to buy rubber & plastics

Technical Data - continued

Property	Test Method	Value
Fire Resistance	FAR 25/JAR 25/CS 25 Appendix F Part 1, (a)(1)(iv) and (a)(1)(v) horizontal	Pass
	PART 571FMVSS302	Pass
Working Temperature Range (Constant)	-	-60° C to +230° C
Working Temperature Range (Intermittent)	-	-60° C to +250° C

Approvals



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 or The Rubber Company 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.

E info@rubbersmart.co.uk

W www.rubbersmart.co.uk

T +44 (0) 1794 328 412

RubberSmart is a trading name of The Rubber Company Limited - Registered in England and Wales
Company Number - 08350831 | VAT Number - GB 156 8355 80

