

High Temperature Silicone Sponge

Product Code: RC02101-HT

Key Features

- Closed cell for high temperature applications
- Low water absorption and dust ingress protection up to IP65
- Suitable for HVAC, marine, industrial, automotive, and electronics

Attributes



High Temperature



Chemical-Resistant



Weather-Resistant

Available in:



Full Rolls



Cut Strips



Bespoke Gaskets

Technical Data

Property	Test Method	Value			
Grade	-	P10-HT	P16-HT	P24-HT	P33-HT
Density	BS EN ISO 845	220 kg/m ³	250 kg/m ³	390 kg/m ³	550 kg/m ³
Hardness (Shore OO)	ASTM D2240	25°	42°	63°	86°
Tensile Strength	BS EN ISO 1798	0.6 MPa	0.6 MPa	0.8 MPa	2 MPa
Elongation at Break	BS EN ISO 1798	140 %	145 %	120 %	130 %
Compression Set (22 h @ 70°C, 50 %)	BS EN ISO 1856	10 %	1 %	1 %	4 %
Compression Set (22 h @ 100°C, 50 %)	ASTM D1056	22 %	4 %	4 %	10 %
Compression Stress (40 % strain)	BS EN ISO 3386 part 1, 2	50 kPa	90 kPa	165 kPa	470 kPa
Working Temperature Range	-	-60°C to +270°C			
Maximum Temperature (intermittent)	-	+300°C			

These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability test and Automotive Standard PART 571FMVSS302.

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. 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.

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The Rubber Company Limited - Registered in England and Wales
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Standard Sizes

Thickness	Width	Backing
1.5mm	1m	Plain / Self-Adhesive
2mm	1m	Plain / Self-Adhesive
3mm	1m	Plain / Self-Adhesive
4mm	1m	Plain / Self-Adhesive
5mm	1m	Plain / Self-Adhesive
6mm	1m	Plain / Self-Adhesive
8mm	1m	Plain / Self-Adhesive
10mm	1m	Plain / Self-Adhesive
12mm	1m	Plain / Self-Adhesive
20mm	1m	Plain / Self-Adhesive
25mm	1m	Plain / Self-Adhesive

Approvals



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