

# Silicone Sponge Sheetting

Product Code: RC02101

## Key Features

- Meets the flammability requirements of FAR 25/JAR25/CS 25 Appendix F, Part 1 (a)(1)(iv) and (a)(1)(v) horizontal flammability
- Close cell struture with low water absorption
- Suitable where a soft, easily pliable rubber is required
- Available plain or with adhesive backing
- Performs at temperatures from -60° C to +230° C, +250° C intermittently

## Attributes



High Temperature



Weather-Resistant



Chemical-Resistant

Available in:



Full Rolls



Cut Strips



Bespoke Gaskets

## Technical Data

Property	Test Method	Values			
Grade	-	P10	P16 (TRC16)*	P24	P33
Density	ISO 845 ASTM D3574	200 kg/m <sup>3</sup>	250kg/m <sup>3</sup>	400kg/m <sup>3</sup>	550 kg/m <sup>3</sup>
Hardness (Shore OO)	ASTM D2240	35° ± 5°	42° ± 5°	65° ± 5°	80° ± 5°
Hardness (Shore A)	ASTM D2240	<5	5	17	30
Tensile Strength	ISO 1798 ASTM D412	0.6 MPa	0.6 MPa	0.75 MPa	2.0 MPa
Elongation at Break	ISO 1798 ASTM D412	140 %	145 %	120 %	130 %
Compression Stress 40 % Strain	ISO 3386 Part 1, 2 ASTM D1056	50 kPa	90 kPa	165 kPa	470 kPa
Compression Set (50%, 22 h @ 70° C, 24 h recovery)	ISO 1856	15 %	12 %	10 %	9.5 %
Compression Set (50%, 22 h @ 100° C, 24 h recovery)	ISO 1856	18 %	14.5 %	12 %	12 %
Water Absorption	ASTM D1056	<5 %	<5 %	<5 %	2 %
Temperature Range	-	-60° C to +230° C (intermittent +250° C)			

\*TRC16 is shown on our sample card.

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## Standard Sizes

### P16 (TRC16) - Black, White, Red Oxide

Sheet Thickness	Sheet Size	Backing
1.5mm	1m x 1m	Plain / Adhesive-Backed
2mm	1m x 1m	Plain / Adhesive-Backed
3mm	1m x 1m	Plain / Adhesive-Backed
4mm	1m x 1m	Plain / Adhesive-Backed
5mm	1m x 1m	Plain / Adhesive-Backed
6mm	1m x 1m	Plain / Adhesive-Backed
8mm	1m x 1m	Plain / Adhesive-Backed
10mm	1m x 1m	Plain / Adhesive-Backed
12mm	1m x 1m	Plain / Adhesive-Backed
15mm	1m x 1m	Plain / Adhesive-Backed
20mm	1m x 1m	Plain / Adhesive-Backed
25mm	1m x 1m	Plain / Adhesive-Backed
30mm	1m x 1m	Plain / Adhesive-Backed

### P24 - Black, White

Sheet Thickness	Sheet Size	Backing
1.6mm	1m x 1m	Plain / Adhesive-Backed
2mm	1m x 1m	Plain / Adhesive-Backed
3mm	1m x 1m	Plain / Adhesive-Backed
4mm	1m x 1m	Plain / Adhesive-Backed
5mm	1m x 1m	Plain / Adhesive-Backed
6mm	1m x 1m	Plain / Adhesive-Backed
8mm	1m x 1m	Plain / Adhesive-Backed
10mm	1m x 1m	Plain / Adhesive-Backed
12mm	1m x 1m	Plain / Adhesive-Backed
15mm	1m x 1m	Plain / Adhesive-Backed

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## Standard Sizes

### P33 - White

Sheet Thickness	Sheet Size	Backing
2mm	1m x 1m	Plain / Adhesive-Backed
3mm	1m x 1m	Plain / Adhesive-Backed
4mm	1m x 1m	Plain / Adhesive-Backed
5mm	1m x 1m	Plain / Adhesive-Backed
6mm	1m x 1m	Plain / Adhesive-Backed

## Approvals



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