

# SIL16 Expanded Silicone Sheet



## SIL16 DATA SHEET

**DELTA RUBBER LIMITED**

Unit 21 Priory Industrial Park, Airspeed Road  
Christchurch, Dorset, BH23 4HD

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### Description

Sil 16 expanded Silicone Sponge sheet is suitable for a range of applications. The material is suitable for use at temperatures up to +200°C and as low as -60°C. Silicone also has excellent resistance to ozone, oxidation, UV light and weathering in general.

### Technical Information

*Apparent Density:	256 Kg/m3
**Hardness Shore 00:	47°±5
***Compression Stress 40% Strain:	90 kPa 6.4
***Compression Stress 25% Strain:	kPa 0.6
Tensile Strength:	Nmm2
Elongation at break:	145%
Compression Set 50% compression 24 hours -	
22 hrs @70°C:	12%
22 hrs @100°C:	14.5%

\* Density measured on 25mm diameter cord sample. The density of samples of different sizes will be different from that stated here.

\*\* Hardness measured 10mm thick samples. At less than 10mm the measured hardness will increase with density.

\*\*\* Compression set measured on 25mm thick sample. The compressive stress of the material increases with the density as the sample thickness is reduced.

#### Thickness

0.8mm-12.70mm  
(other thicknesses on request)

#### Sheet Size

.915m wide x 5, 10m  
rolls

#### Cutting

Standard Press Tools



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## Accreditations

- FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv)(a)(1)(v) horizontal flammability test
- If tested would meet UL94HB
- Automotive Standard PART 571 FMVSS 302
- REACH compliant and ROHS compliant
- Capable of meeting ASTM D1056 2A2; ASTM 6576 Grades B & C

