

# SIL16 Expanded Silicone Sheet



## SIL16 DATA SHEET

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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/m <sup>3</sup>
**Hardness:	42° Shore A
***Compression Stress 40% Strain:	90 kPa
***Compression Stress 25% Strain:	6.4 kPa
Tensile Strength:	0.6 Nmm <sup>2</sup>
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

