

# J-FLEX MATERIAL DATA SHEET



## COMMERCIAL QUALITY SILICONE SPONGE SHEET GRADE

TECHNICAL DATA		
PROPERTY	TYPICAL VALUE	TEST METHOD
* Density (Kg/m <sup>3</sup> )	250 (+/-40) Kg/m <sup>3</sup>	BSENISO 845
Compression Stress @ 40% strain	90 (+/-40) kPa 5 to 9 psi	BSENISO 3386 Part 1,2 ASTM D1056
Tensile Strength	0.6 MPa 87 psi	BSENISO 1798 ASTM D412
Elongation to Failure	145% (110% min)	BSENISO 1798 ASTM D412
Compression Set 50% Compression 24 hours recovery 22hrs @ 70°C 22hrs @ 100°C	12.0% (15 max) 14.5% (15 max)	BSENISO 1856 ASTM D1056
Temperature Range	-60°C / +230°C Continuous Up to 250°C Intermittent	
Standard Colour	Off White – other colours possible upon request	
Available in Rolls: 1000mm wide x 10m long	Thicknesses: 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0 & 12.0mm	
Available in Sheets: 1000mm x 600mm	Thicknesses: 16.0, 20.0 & 25.0mm	
<b>WRAS APPROVAL NO: 1304521 - Approved for potable water use up to 85°C in accordance to BS 6920</b>		

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

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**J-FLEX**

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