

Silicone Sponge Sheet

Reglin Silicone Sponge is a premium grade heat and weather resistant closed cell Silicone sponge sheet.

FEATURES

Reglin Silicone Sponge Sheet is made from an expanded premium Silicone compound and will display very high temperature resistance. It is closed cell enabling it to create an easily compressible air and watertight seal.

Silicone Sponge has excellent ozone/UV resistance making it weather resistant and suitable for prolonged outdoor use. It has good physical properties and will maintain its flexibility over a wide temperature range.

Silicone sponge exhibits low thermal and electrical conductivity. This makes it suitable for critical electrical and electronic insulating and isolating applications.



TECHNICAL INFORMATION

Polymer	Silicone	
Colour	White	
Density	250 kg/m ³	BSENISO 845
Tensile Strength	600 kPa	BSENISO 1798
Elongation @ Break	145% (min)	BSENISO 1798
Temperature Range	-60°C to +200°C (continuous) -60°C to +250°C (intermittent)	
Compression Set 50% Compression 24hrs recovery		BSENISO 1856
22hrs @ 70°C	12%	
22hrs @ 100°C	14.5%	
Ozone Resistance 100hrs @ 50pphm, 40°C	No Cracking	KSM 6518:2006
Compression Stress	90 kPa @ 40% strain	BSENISO 3386
Thermal Conductivity	6.4 x 10 ⁻² W .m ⁻¹ .K ⁻¹	BS 874 PART 2

AVAILABLE SIZES

Reglin stock Silicone Sponge Sheet in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

Silicone Sponge can also be supplied in 16mm, 20mm and 25mm thicknesses in sheets 600mm x 1000mm. Lead times will apply to these products.

PART NO.	DESCRIPTION	WEIGHT
SILSP01.5	1.5mm x 1000mm (10 L/M Rolls)	0.75 kgs
SILSP03	3mm x 1000mm (10 L/M Rolls)	1.45 kgs
SILSP05	5mm x 1000mm (10 L/M Rolls)	1.95 kgs
SILSP06	6mm x 1000mm (10 L/M Rolls)	2.2 kgs
SILSP10	10mm x 1000mm (10 L/M Rolls)	3.2 kgs
SILSP12	12mm x 1000mm (10 L/M Rolls)	3.7 kgs