



SILICONE SPONGE RUBBER SHEET

Heat Resistant | UV Resistant | Silicone Rubber Foam

FEATURES

Industrial Gaskets Silicone Sponge Rubber is a premium grade, non-toxic and inert closed cell Silicone Sponge Rubber Sheet. It has very high temperature resistance and is completely UV stable, making it impervious to, ozone effects and extreme weather conditions. Silicone Sponge Rubber has good physical properties and will maintain its flexibility over a wide temperature range.

Silicone Sponge Rubber Sheet has low thermal and electrical conductivity, making 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	0.6 MPa (min)	BSENISO 1798
Elongation @ Break	145% (min)	BSENISO 1798
Compression Set 50% Compression 24hrs recovery (22hrs @ 70°C)	2.8 kN/m	BSENISO 1856
(22hrs @ 100°C)	12%	
	14.5%	
Ozone Resistance Test (50±5pphm, 40±2°C, 100hrs)	No Cracking	KSM 6518:2006
Compression Stress	90 kPa @ 40% strain	BSENISO 3386
Temperature Range	-60°C to +200°C (continuous) -60°C to +250°C (intermittent)	

AVAILABLE SIZES

STANDARD THICKNESS

1.5mm, 3mm, 5mm, 6mm, 10mm
3mm with adhesive backing

STANDARD ROLL SIZE

1000mm x 10mtrs

Cut lengths, strips and custom shapes are available upon request
Silicone sponge can also be supplied in 16.0mm, 20.0mm and 25.0mm in sheets
600mm x 1000mm. Lead times apply to this product



APPLICATIONS

Silicone Sponge Rubber Sheet has been designed primarily for use as a compressible strip, pad, or gasket and is mainly used for Sealing, Insulating, Isolating and Protecting, steel or other surfaces in sensitive and critical high temperature applications. Its properties make it suitable for use in a wide range of applications including:

- > Flange gaskets
- > Door seals
- > Electronic equipment seals
- > Electrical and lighting fixture seals
- > Thermal and electrical insulation
- > Insulating strip
- > Isolation barriers
- > Variety of sealing applications

Complies with:

WRAS
Water Regulations Advisory Scheme