

Silicone Sponge Sheetting

Important information for the safe use of silicone based products

Features

Silicone Sponge is a white open cell sponge made from a Silicone polymer. It is non-toxic and chemically inert. It will retain its physical properties including flexibility over a wide temperature range.

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		BSENISO 1856
50% Compression		
24hrs recovery		
(22hrs @ 70° C)	12%	
(22hrs @ 100° C)	14.5%	
Compression Stress	90 kPa @ 40% strain	BSENISO 3386
Temperature Range	-60° C to +200° C (continuous) -60° C to +250° C (intermittent)	

Independent Testing Results

The Silicone Sheet Products we supply are independently tested and comply with the requirements issued by the US Federal Food & Drug Administration (FDA) Title 21, Chapter 1, Sub-chapter 8, Section 177.2600. They also comply with the German Food Standards BfR Empfehlung XV and colour bleed test according to BfR Empfehlung part B11 + peroxide level.

The silicone material tested meets the extractive requirements specified in FDA 21 CFR 177.2600 Class 1 – Rubber Article intended for repeated use in aqueous and fatty food contact (White list ingredients).

Distributors & Agents for Rubber, Foam & Matting Supplies

- ✓ Self Adhesive Sealing Tape
- ✓ Insertion, Neoprene & Nitrile Rubber
- ✓ Commercial Matting
- ✓ Door & Boot Rubber Seals
- ✓ Grip Products

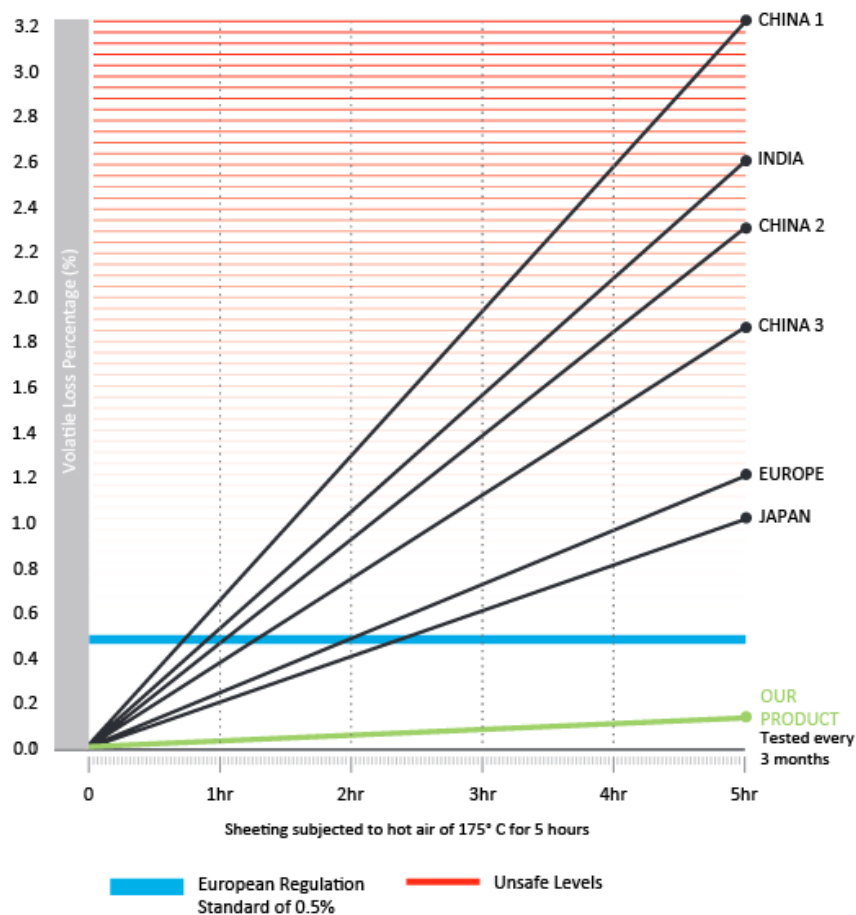


- ✓ Auto & Marine:
Matting/Carpets/Vinyl
- ✓ Latex & Foam Mattresses
- ✓ Foam Cut to Size
- ✓ Marine Fender & Hatch Seals

Volatile Loss

Volatile Loss is the amount of chemicals that escape from silicone when it is subjected to raised temperatures. European Regulations covering the use of Silicone Rubber as a food contact material state that the amount of volatile organic material is restricted to a maximum of 0.5%.

Comparison of Volatile loss of Silicone Sheet Products
currently available on world markets



All silicone products supplied by Jenkins Rubber Shop comply with these regulations



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