

FDA Compliant Silicone Sponge Sheeting - Standard

A closed cell Silicone sponge material available in sheet, cord or extruded format produced with FDA approved ingredients. Particularly suited to the food and pharmaceutical industries that require a soft, compressible material with excellent thermal stability.

Features:

- Low compression set
- Resistance to UV and Ozone
- Platinum cured
- Excellent resistance to weathering
- Good thermal insulator
- Smooth skin
- White in colour - can be pigmented in other colours
- Mainly closed cell structure and sealed outer skin, suitable for air/water sealing applications

Availability:

- Available in rolls 1m x 5m
- With or without Adhesive backing
- Gaskets and joined rings to requirement

Compliance:

- US FDA 21 CFR 177.2600
- EC 1935/2004
- BfR recommendation XV



PROPERTY	UNITS
Colour	Standard - White
Density	24lbs/ft³ (400Kg/m³)
Elongation at Break	215%
Compression Set	15%
Tensile Strength (10mm thick)	0.85 MPa
Tensile Strength (10mm thick)	85 Newtons
Toxicity NEW 713 iss. 3	14
Smoke index NEW 711 iss. 2	46
Burn Rate BS4736: 1974	0.03mm/s
Thermal Conductivity	0.0695 W/m.K
Temperature Range	-40°C to +200°C

SIZE (mm)	TOLERANCE (mm)
1 to 1.5	±0.25
1.5 to 2.5	±0.35
2.5 to 4	±0.40
4 to 6	±0.50
8	±0.70
10 - 15	±0.80
20	±1.00
25	±2.00
30	±2.50
40 to 50	±3.00
60	±4.00
70 - 100	±5.00

Need Sheeting with Higher Elongation?

Please ask for our datasheet: FDA Compliant Silicone Sponge Sheeting - High Elongation

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