

SPONGE SILICONE SHEET



Jehbco Silicone Sponge is predominately closed cell and has an integral surface skin that leads to very low Water absorption.

General Characteristics: this product combines properties of resilience; general inertness; high compressibility; acoustic insulation; low compression set; stability over a wide temperature range; unaffected by aging and degradation from sunlight and ozone.

Typical Applications: It is due to its combined properties that our Silicone Sponge Sheet can be used in thermal insulation; high and low temperature acoustic insulation; and high and low temperature gaskets and seals.

WRC Approved for use with cold potable water and hot water up to 85° C. (Listing No. 9403505)

TECHNICAL DATA

PROPERTY	NORM	TYPICAL VALUE
TEMPERATURE RESISTANCE		-60°C / +200°C CONTINUOUS
COMPRESSION SET (%) 22hrs@ 100° C 25% COMPRESSION	BS EN ISO 1856 'A' 1857	15 % MAX
COMPRESSION STRESS @ 40% STRAIN	BS 4443 PART 1 METHOD 5B	90 (+/- 40)
TENSILE STRENGTH	BS 903 PART 2	TYPICAL VALUE 1.3 Mpa
ELONGATION AT BREAK (%)	BS 903 PART A2 15% MAX	TYPICAL VALUE 207%

PHYSICAL DATA

DENSITY (Kg/m ³)	BS 4443 PART A1 METHOD 1	300 (+/- 100)
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* Standard Colour: Off White – other colours possible upon request.

** Available in thicknesses of: 1.5, 3.0, 5.0, 6.0, 8.0 and 10.0mm.