



Cellular Silicone Elastomer Sheeting

Grades

kSilTMGP200 kSilTMGP250 kSilTMGP350 kSilTMGP400

kSilTMGP450 kSilTMGP530

Temperature Range

-60°C to 230°C (-76°F to 446°F) and up to 250°C (482°F) intermittent

Specifications

These products meet the flam hability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability test and Automotive Standard PART 571FMVSS302.

The sponge is closed cell with low water absorption and dust ingress protection to IP65.

The density range in white has been approved by the WRAS (Water Regulations Advisory Service) for use in contact with potable water at temperatures up to 85°C (185°F).

The listing number is 1304521.

Environment Resistance

Silicone rubber products have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionising radiation and weathering in general.

Availability

Mouldings	Sheeting	Gaskets	Cables	 Sheet
0	•	•	0	Width Press
Extrusions	Compound	Tubing		PunchFull ra
0	0	0,		• Capal
General Characteris	dics	11/		
Test		Result		Stand
Brittle Point		80°C (-112°F)	919	ASTM
Limiting Oxygen Index		24.0 %		BS 278
Thermal Conductivity		6.4x10 ⁻² W.m ⁻¹ .K		BS 874
Radiation Resistance		>10 ⁵ Grays (10 ⁷ Ra	ds) typical	

Availability

- Sheeting supplied in Rolls or individual sheets of 1 metre x 2 metres.
- · Widths up to 1000mm.
- Pressure sensitive adhesive backing.
- Punched/Water Jet gaskets.
- Full range of standard colours.
- Capability to colour match.

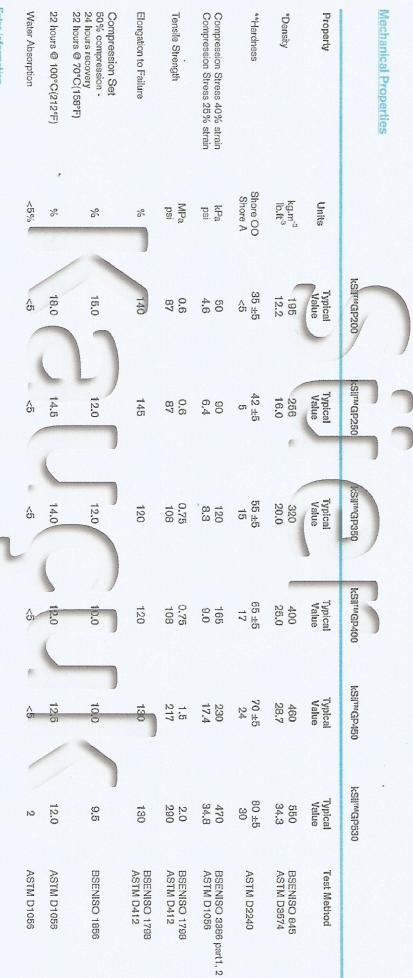
Typical Applications

Automotive, Electronics, Energy.
Construction, Heating and Ventilation
(HVAC), Industrial, Insulations, Lighting
and Marine.

Standard
ASTM D746
BS 2782 Part 1
BS 874 Part 2

This information and our technical advice, whether verbal, in writing or by way of trials, is given in good faith but without warranty. This also applies where proprietary rights are involved. Our advice does not release you from the obligations to check its validity and to test our products as to their suitability for the intended use. The storage, application and use of our products are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale. The information contained within this data sheet is subject to change without notice.

ular Silicone Elastomer



Extra Information

10mm the measured hardness will increase with density.

The Shore A values are provided as a guideline for comparison to solid materials and as such are not designed for use in specifications.

dimensions, especially thickness may vary from that properties for other sample sizes, please contact the quoted here. For further information about physical The compressive stress on samples of different technical department.

^{*} Density measured on 25 mm diameter cord sample. The density

of samples of different sizes will be different from that stated here.

** Hardness measured on 10 mm thick samples. At less than