



JEHBCO MANUFACTURING PTY LTD

ABN 98 002 331 704

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SILICONE RUBBER SHEETING

FOOD GRADE QUALITY SILICONE - 60° SHORE A

PROPERTY	TEST METHOD	UNITS	SPECIFICATION LIMITS	TYPICAL VALUE
HARDNESS	ASTM D2240 DIN 53505	°SHORE A	60° (+/- 5)	62
TENSILE STRENGTH	BSISO 37	MPa	5.5 min	10.5
	DIN 53505 Die S1 ASTM D412 Die C	Psi	795 min	1523
ELONGATION @ BREAK	BSISO 37 DIN 53505 Die S1 ASTM D412 Die C	%	250 min	360
TEAR STRENGTH	BS ISO 34-1 method C	N/mm	10.0 min	14.7
	ASTM D624 die B	lb/in	57.0 min	83.9
COMPRESSION SET 24hrs @ 150° C	BS 903 PT A6 TYPE B DIN 53517 type II	%	30 max	17
THERMAL CONDUCTIVITY	VDE 0304		0.24 W.m ⁻¹ .K ⁻¹	
TEMPERATURE RANGE			-60° C to +230° C (continuous)	+250° C (intermittent)
THICKNESSES			0.3, 0.5, 0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 10.0mm.	



These articles have been fully post cured and all the ingredients used to produce them are listed in FDA 21 CFR 177.2600. Our materials are manufactured in accordance with FDA Guidelines set out in 21 CFR 177.2600 and the manufactured materials have been tested to, and comply with the tests listed in 21 CFR 177.2600 (d) to (h). This makes them suitable for contact with dry, aqueous and fatty foods defined by the FDA. As stated in 21 CFR 177.2600 it is recommended that the manufactured article is thoroughly cleansed prior to first use in contact with food. Also complies with the BFR regulations for contact with foodstuffs.

These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) & (a)(1)(v) horizontal flammability tests.

WRAS APPROVAL NO: 0806508 – Approved for cold & hot potable water use up to 85° C in accordance to BS 6920.