

FOOD QUALITY SILICONE RUBBER SHEETING 60° SHORE 'A'

White (W049): Translucent (T050): Red (R089)
Blue (B62)

PROPERTY	TEST METHOD	UNITS	SPECIFICATION LIMITS	TYPICAL VALUE
HARDNESS	ASTM D2240 DIN 53505	°SHORE A	60° (+/-5)	62
TENSILE STRENGTH	BSISO 37 DIN 53505 die S1 ASTM D412 Die C	MPa	5.5 min	10.5
		psi	795 min	1523
ELONGATION @ BREAK	BSISO 37 ASTM D412 die C DIN 53504 die S1	%	250 min	360
TEAR STRENGTH	BS ISO 34-1 method C ASTM D624 die B	N/mm lb/in	10.0 min 57.0 min	14.7 83.9
COMPRESSION SET 24hrs @ 150°C 22HRS @ 300°F	BS 903 PT A6 TYPE B DIN 53517 type II ASTM D395 method B type 2	%	30 max	17
		%	30 max	15
THERMAL CONDUCTIVITY	VDE 0304		0.24 W.m ⁻¹ .K ⁻¹	
TEMPERATURE RANGE	-60°C to +230°C (Continuous) +250°C (Intermittent)			
GENERAL THICKNESSES	0.3, 0.5, 0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0, 10.0 & 12.0mm (Check with our Sales Office for specific availability)			

These sheetings have been fully post cured and all the ingredients used to produce these sheetings are listed in FDA 21 CFR 177.2600. We manufacture our FDA materials 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.

WRAS APPROVAL NO: 0806508:-

Approved for cold & hot potable water use up to 85°C in accordance to BS 6920.

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