



# Product information

## TRANSLUCENT FOOD QUALITY SILICONE RUBBER SHEETING 40° SHORE 'A' QUALITY: T040



PROPERTY	TEST METHOD	UNITS	SPECIFICATION LIMITS	TYPICAL VALUE
HARDNESS	ASTM D2240 DIN 53505	°SHORE A	40° (+/-5)	40
TENSILE STRENGTH	BSISO 37 DIN 53505 die S1 ASTM D412 Die C	MPa	4.0 min	11.1
		psi	580 min	1610
ELONGATION @ BREAK	BSISO 37 ASTM D412 die C DIN 53504 die S1	%	300 min	550
TEAR STRENGTH	BS ISO 34-1 method C ASTM D624 die B	N/mm	8.0 min	14.0
		lb/in	46.0 min	79.9
COMPRESSION SET 24hrs @ 150°C	BS 903 PT A6 TYPE B DIN 53517 type II ASTM D395 method B type 2	%	35 max	22
		%	35 max	21
THERMAL CONDUCTIVITY	VDE 0304		0.24 W.m <sup>-1</sup> .K <sup>-1</sup>	
TEMPERATURE RANGE	-60°C to +230°C (Continuous)		+250°C (Intermittent)	

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. 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.

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Check out the download area of our website  
[www.j-flex.co.uk](http://www.j-flex.co.uk) for other product information



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