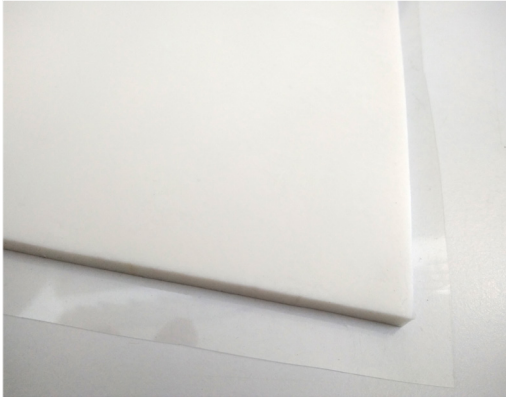




TG4040SA

Ultra-Soft Silicone Thermal Gap Filler

Version 1.280318



Ultra-Soft Silicone Thermal Gap Filler

TG4040SA is an ultra-soft, silicone based thermal gap filler which offers low thermal impedance, good surface compliance and a high dielectric breakdown voltage. TG4040SA can be supplied in a wide range of formats ranging from custom die cut parts to standard sheets in a range of thicknesses depending on the end application.

Features

Thermal Conductivity 4 W/mK

Ultra soft for excellent surface wetting

Extended working temperature

Can be provided as standard sheets, custom thicknesses or custom die cuts

Applications

Consumer Electronics

Set-top boxes

Industrial electronics

Medical devices

Communication devices

Properties

✓ REACH Compliant

✓ ROHS Compliant

Property	TG4040SA	Unit	Test Method
Binder	Silicone	-	-
Colour	White	-	Visual
Thermal Conductivity	4	W/mK	ASTM D5470
Flammability Rating	V-0	-	UL 94
Dielectric Breakdown Voltage	14	kV/mm	ASTM D149
Density	2.0	g/cm ³	ASTM D792
Working Temperature	-45 to 200	°C	-
Reinforcement Carrier	None	-	-
Hardness	42	Shore 00	ASTM D2250

T-Global Technology Limited
1 & 2 Cosford Business Park, Central Park,
Lutterworth, Leicestershire LE17 4QU U.K.

Tel: +44 (0)1455 553 510

Email: sales@tglobaltechnology.com

Web: www.tglobaltechnology.com

Skype: tglobal.technology

VAT #: GB 116 662 714



TG4040SA

Ultra-Soft Silicone Thermal Pad

Standard Weights & Dimensional Tolerance

Size	Thickness (mm)	Weight (gr)					
		1	1.5	2	3	3.5	5
	288x192	110.592	165.888	221.184	331.776	387.072	552.96

* All measurements in weights are in gr

** All sizes are in mm

Die-Cut Thickness Tolerances	Thickness (mm)	Tolerance (mm)
	0.3	±0.03
	0.5	±0.05
	0.8	±0.08
	1.0	±0.1
	1.2	±0.12
	1.5	±0.15
	2.0	±0.2
	2.5 - 3.5	±0.25
	4.0 - 4.5	±0.3
	5.0	±0.35
	6.0 - 8.0	±0.4
	9.0	±0.45
	10.0	±0.5
>10.0	±0.5	

* Data for design engineer guidance only. Observed performance varies in application. Engineers are reminded to test the material in application.

NOTICE: The information contained herein is to the best of our knowledge true and accurate. However, since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part and users should make their own test to determine the suitability of our products in any specific situation. This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality, and except to the extent otherwise stated in T-Global Technology Europe and North America's invoice, quotation, or order acknowledgment. We disclaim any and all liabilities incurred in connection with the use of information contained herein, or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use.