



TG-996-3

Ultra-Soft Silicone Thermal Pad

Version 3.130220

Ultra-Soft Silicone Thermal Pad

TG-996-3 is an ultra-soft, silicone thermal pad, suitable for use as thermal interface material or heat sink to dissipate the heat from electronic devices, especially in integrated circuit (IC) and LED packaging.

Features

Low thermal impedance, good surface compliance, high dielectric breakdown voltage, very low hardness and elasticity, high thermal conductivity, good high temperature resistance and good electrical insulation. Wide range of formats ranging from custom die cut parts to standard sheets in a range of thicknesses depending on the end application.

Applications

Soft silicone based thermal interface material or heat sink to dissipate the heat from electronic devices, especially in integrated circuit (IC) devices and LED packaging.

Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property	TG-996-3	Unit	Tolerance	Test Method
Binder	Silicone	-	-	-
Colour	White	-	-	Visual
Reinforcement	None	-	-	-
Specific gravity	2.2	-	-	-
Thermal Conductivity	2.2	Wm ⁻¹ K ⁻¹	-	ASTM D5470
Hardness	35	Shore 00	-	ASTM D2240
Surface Tacky	Both sides tacky	-	-	-
Shelf Life	36	months	-	-
Shelf Life with adhesive (can be requalified for further 12)	12	months	-	-

Part Number Information

Product	Length	Width	Thickness	Adhesive
TG-996-3	288mm	192mm	0.5-2.0mm	Option available

Storage

Store this silicone thermal pad in air tight container in a cool, dark place (temperature range from 20°C to 30°C) to prolong shelf life. Store in dry conditions.

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
VAT #: GB 116 662 714

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