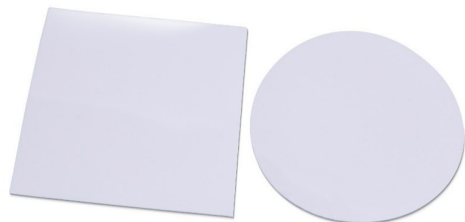


TG-996-3

Ultra-Soft Silicone Thermal Pad

Version 1.131017



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. TG-996-3 offers low thermal impedance, good surface compliance and a high dielectric breakdown voltage. This thermal pad has very low hardness and elasticity, and yet provides high thermal conductivity, good high temperature resistance and good electrical insulation. TG996-3 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.

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	-		-
Flammability	V-0	-		UL 94

Part Number Information

TG-996-3

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.