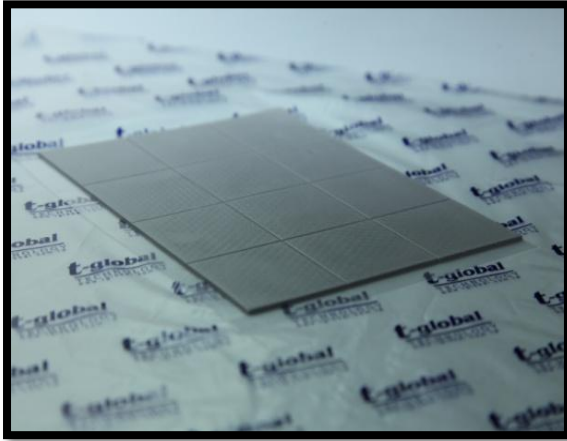


TGX

Ultra Soft Thermal Pad



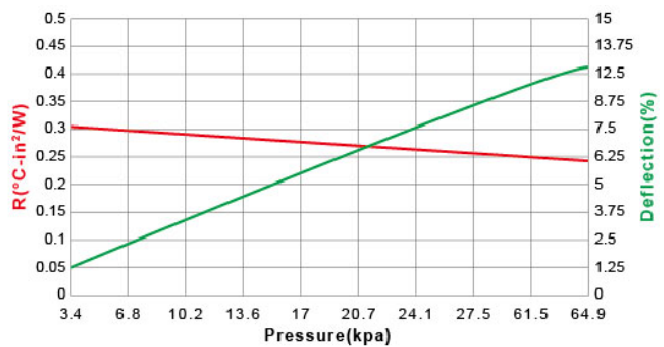
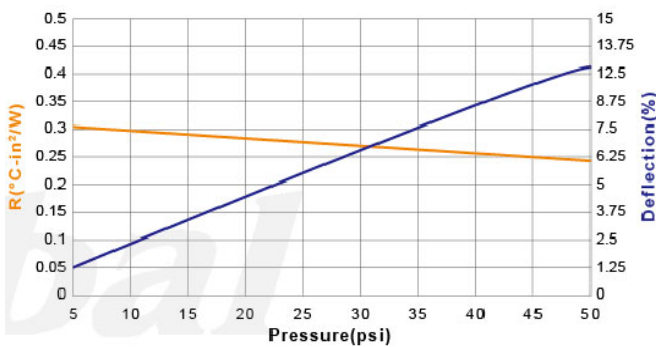
Features

Low molecular chemical base material with low oil-bleed ;
No effect on the appearance and function of the applications
Ultra soft and high compressibility; as a buffer in electronics;
decrease the defect rate of the electronics
Electrical insulation

Applications

Usually used for industrial computers, military products
Electronic components: IC, CPU, MOS
LED, M/B, P/S, Heat Sink,
LCD-TV, Notebook PC, PC, Telecom Device, Wireless Hub.....etc
DDR II Module, DVD Applications, Hand-set applications.....etc

Thermal Resistance VS. Pressure VS. Deflection



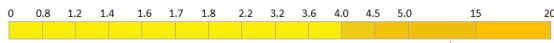
Properties

✓ REACH Compliant

✓ RoHS Compliant

✓ UL Compliant

Thermal Conductivity: 12.0 W / mK



Testing sample thickness: 1.0mm

In "Thermal resistance V.S. Pressure V.S. Deflection" chart, TGX provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. TGX provides good compliance and softness.

Hardness: 60 (Shore 00)

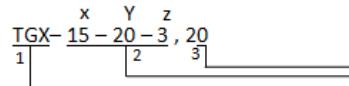


Properties	TGX	Unit	Tolerance	Test Method
Color	Gray	-	-	Visual
Thickness	0.5~2.0	mm	-	ASTM D374
	0.0197~0.0787	inch	-	ASTM D374
Thermal Conductivity	12	W / mK	±1.2	ASTM D5470
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	12	KV / mm	±1.2	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	3.4	g / cm ³	±0.2	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 ¹¹	Ohm-cm	-	ASTM D257
Standard Shape	-	Sheet ones	-	-
Hardness	60	Shore 00	±4.8	ASTM D2240

Need samples?



Pre-cut for different shapes



1. Choose the P/N
2. Fill into size: x, y, z
3. Fill the quantity you need

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader



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