

TG4040LC

Ultra Soft Thermal Pad



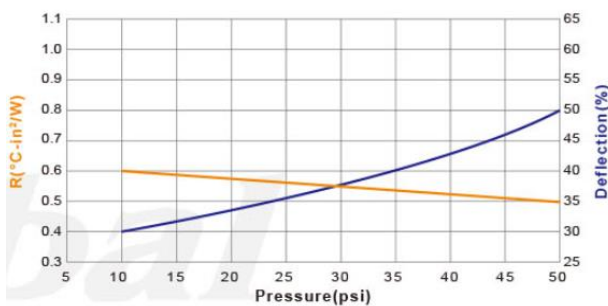
Features

- Excellent thermal conductivity
- Great elasticity and elongation
- Natural tack on one side; attached film on the other side
- Great reworkability
- Electrical insulation

Applications

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

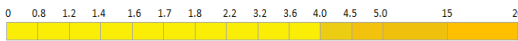


Pressure (psi)	R(°C-in ² /W)	Deflection(%)
10	0.60	30
30	0.55	38
50	0.50	50

Properties

- ✓ REACH Compliant
- ✓ RoHS Compliant
- ✓ UL Compliant

Thermal Conductivity: 3.5 W/m.K



Hardness: 40 (Shore 00)

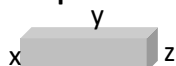


Testing sample thickness: 0.3mm

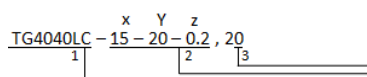
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, TG4040LC provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. TG4040LC provides good compliance and softness.

Properties	TG4040LC	Unit	Tolerance	Test Method
Thermal Conductivity	3.5	W / mK	±0.35	ASTM 5470
Thickness	0.3~5	mm	-	ASTM D374
	0.0118~0.1968	inch	-	ASTM D374
Color	Blue	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	4	KV	±0.4	ASTM D149
Weight Loss	<0.4	%	-	ASTM E595
Specific Gravity	2.6	g / cm ³	±0.2	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 ¹¹	Ohm-m	-	ASTM D257
Elongation	100	%	-	ASTM D412
Tensile Strength	60	N / mm ²	-	ASTM D412
Standard Shape	Sheet ones	-	-	-
Hardness	40	Shore 00	±0.5	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

