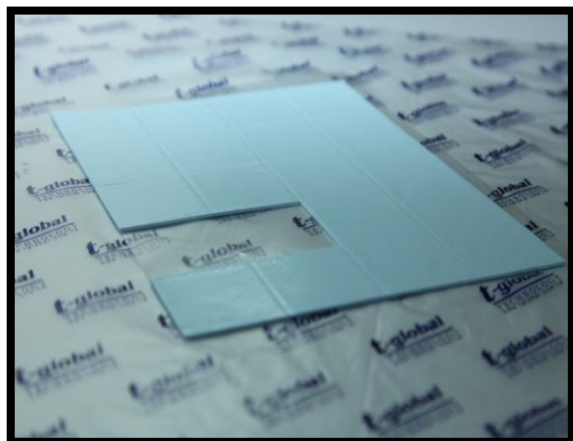


TG4040

Ultra Soft Thermal Pad



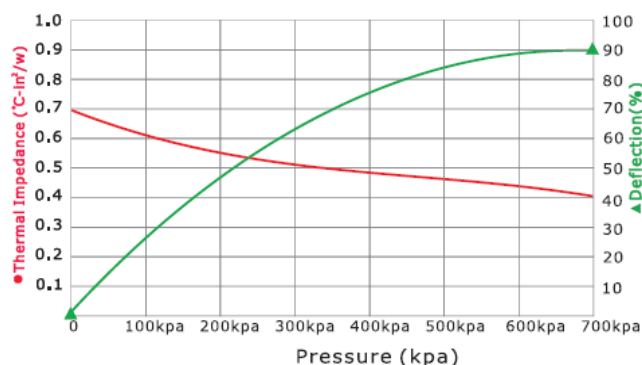
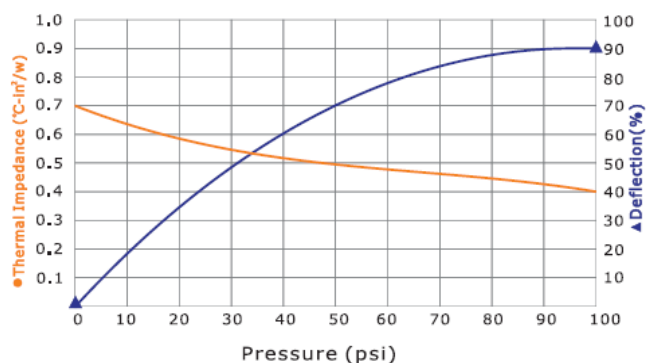
Features

- Very good thermal conductivity
- Compliance, high compressibility
- Natural tack
- Low oil bleed- long term stability
- 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

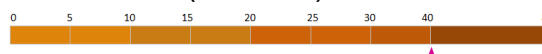
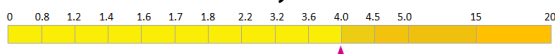


Properties

REACH Compliant RoHS Compliant

Thermal Conductivity: 4.0 W/m.K

Hardness: 40 (Shore 00)



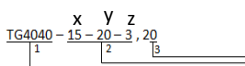
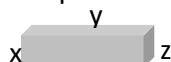
Testing sample thickness: 1.0mm

In "Thermal resistance V.S. Pressure V.S. Deflection" chart, TG4040 provides low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. TG4040 provides good compliance and softness.

| Properties | TG4040 | Unit | Tolerance | Test Method |
|------------------------------|-------------------|---------------------|-----------|-------------|
| Color | Blue | - | - | Visual |
| Thickness | 0.5~5.0 | mm | - | ASTM D374 |
| | 0.0197~0.1969 | inch | - | ASTM D374 |
| Thermal Conductivity | 4 | W/m.k | ±0.4 | ASTM D5470 |
| Flame Rating | V-0 | - | - | UL 94 |
| Dielectric Breakdown Voltage | 15 | kV/mm | ±1.5 | ASTM D149 |
| Weight Loss | <1 | % | - | ASTM E595 |
| Specific Gravity | 2.8 | g/cm ³ | ±0.2 | ASTM D792 |
| Working Temperature | -45~+200 | ☒ | - | - |
| Volume Resistance | >10 ¹² | Ohm-cm | - | ASTM D257 |
| Elongation | 100 | % | ±13 | ASTM D412 |
| Tensile Strength | 1 | Kgf/cm ² | ±2 | ASTM D412 |
| Standard Shape | - | Sheet ones | - | - |
| Hardness | 40 | Shore 00 | ±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

