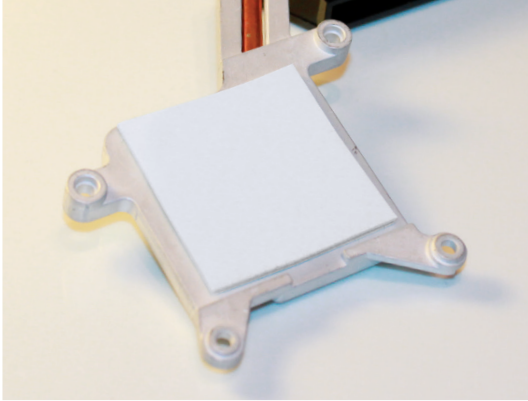


# TG2030

## Ultra Soft Thermal Conductive Pad on rolls



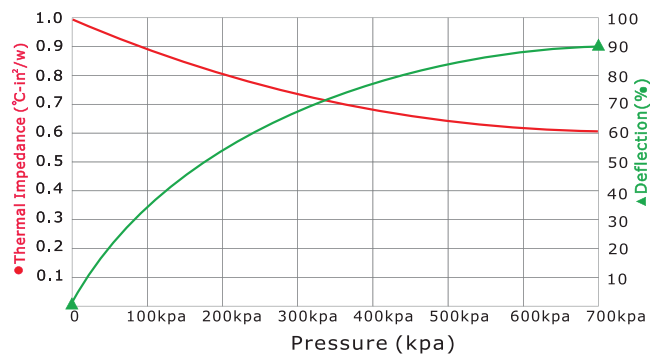
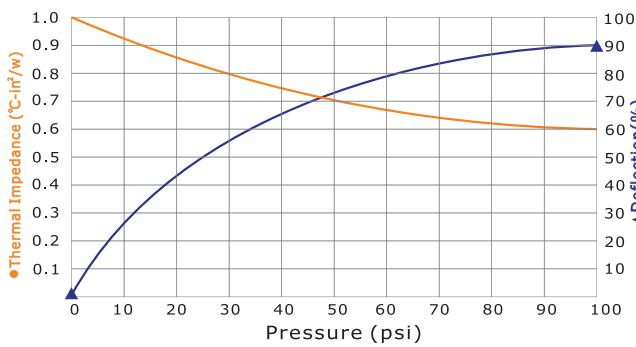
### Features

- Superior thermal conductivity
- Highly compressible
- Naturally tacky
- Low Shore 00 hardness
- Low oil bleed
- Electrically insulating

### 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 V.S Pressure V.S Deflection

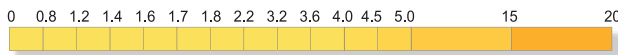


### Properties

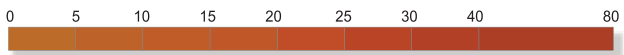
- REACH Compliant
- ROSH Compliant

Thermal Conductivity: 2.0 W/m.k  
(W / m.k - Z Axis)

Hardness: 30 (Shore 00)  
(Shore 00)



Testing sample thickness : 1.0 mm



In the thermal resistance vs pressure vs deflection charts TG2030 provides low thermal impedance. As the pressure increases the thermal impedance decreases. TG2030 provides good compliance and softness.

Property	TG2030	Unit	Test Method
Colour	White	-	Visual
Thickness (Available thickness range)	0.5 / 1 / 1.5 / 2	mm	ASTM D374
Roll Length / Width	50 - 320	Metres / mm	-
Thermal Conductivity	2	W/m.k	ASTM D5470
Flame Rating	V-0	-	UL 94
Dielectric Breakdown Voltage	16	kV/mm	ASTM D149
Weight Loss	<1	%	ASTM E595
Specific Gravity	2.4	g/cm³	ASTM D792
Working Temperature	-45- +200	°C	-
Volume Resistance	>10 <sup>12</sup>	Ohm-cm	ASTM D257
Elongation	300	%	ASTM D412
Tensile Strength	1	Kgf/cm²	ASTM D412
Standard Shape	-	Sheet ones	-
Hardness	30	Shore 00	ASTM D2240

Available with an adhesive backing



1. Part Number
2. Size X-Y-Z
3. Quantity

