



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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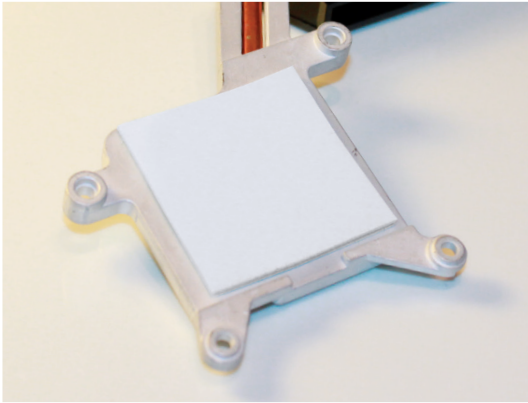
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



TG2030

Ultra Soft Thermal Conductive Pad on rolls



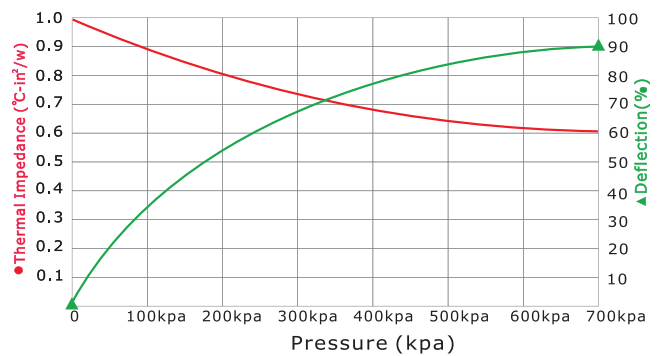
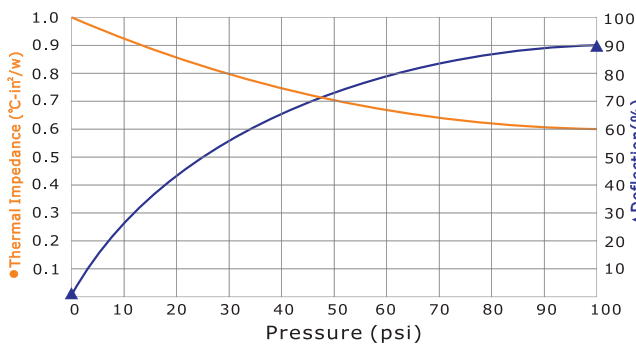
Features

- 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



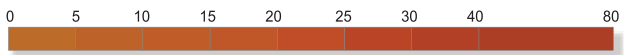
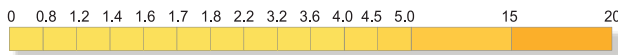
Properties

REACH Compliant

ROSH Compliant

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

Hardness: 30 (Shore 00)
(Shore 00)

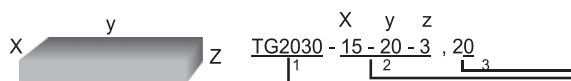


Testing sample thickness : 1.0 mm

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 ¹²	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

