

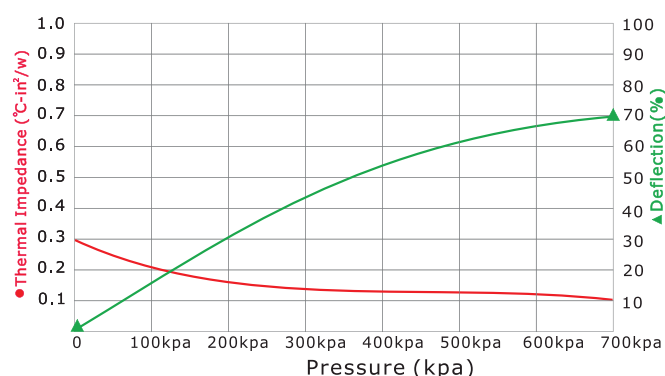
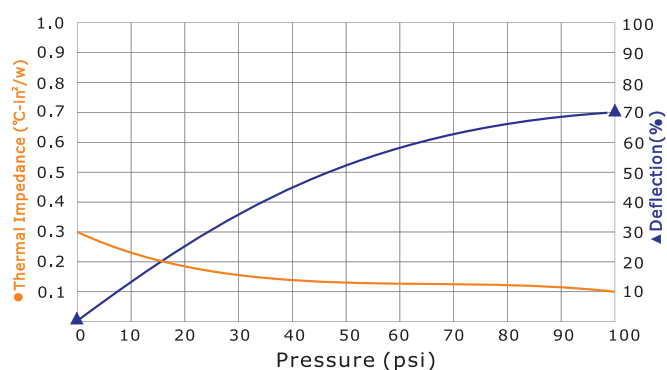
### Features

Very good thermal conductivity  
Compliancy / High Compressibility  
Natural Tack  
Low Hardness (Shore 00)  
Low oil Bleed-Long term stability  
Electrical 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

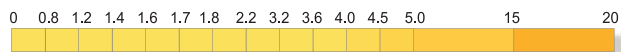


### Properties

Thermal Conductivity: 1.0 W/m.k  
(W / m.k - Z Axis)

Hardness: 60 (Shore 00)  
(Shore 00)

REACH Compliant  
RoHS Compliant



Testing sample thickness : 1.0 mm



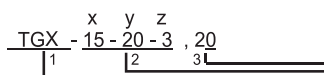
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, TGX provide low thermal impedance. The pressure gets higher the thermal impedance gets lower, and deflection percentage gets higher. TGX provide good compliance and softness.

Property	L37-3	Unit	Tolerance	Test Method
Colour	Grey	-	-	Visual
Thickness (The thickness can be ordered)	0.5 / 1.0	mm	-	ASTM D374
	0.0197~0.0394	inch	-	ASTM D374
Thermal Conductivity	12	W/m.k	-	ASTM D5470
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	12	kV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Specific Gravity	3.4	g/cm <sup>3</sup>	±0.2	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 <sup>11</sup>	Ohm-cm	-	ASTM D257
Standard Shape	-	Sheet ones	-	-
Hardness	60	Shore 00	±5	ASTM D2240

Need samples?

Available to apply adhesive

Pre-cut different shape



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