



GT Series Thermal Pad

REACH Compliant

RoHS Compliant

UL Compliant

Features

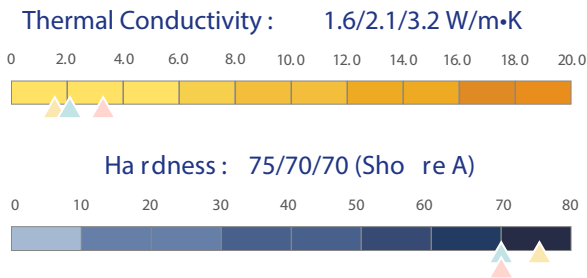
- Smooth surface & low contact resistance
- Wide temperature range
- Electrical insulation; high breakdown voltage

Application:

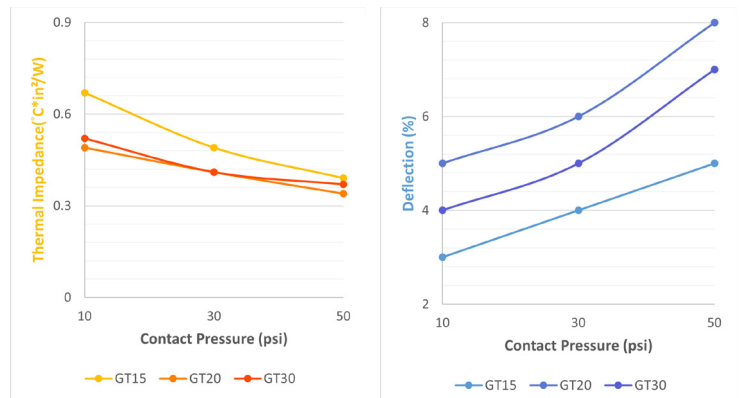
Usable over a wide temperature range

Electronic Components - 5G, Aerospace, Al, Al₂O₃, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Properties



Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	GT15	GT20	GT30	Tolerance	Test Method
Thermal Conductivity	W/m·K	1.6	2.1	3.2	± 10%	ASTM D5470 Modified
Thickness	mm	0.23	0.3	0.35	-	ASTM D374
Color	-	Yellow	Green	Pink	-	Colorimeter CIE 1976
Reinforcement Carrier	-	Fiberglass mesh			-	-
Flame Rating	-	V-0			-	UL 94
Dielectric Breakdown Voltage (AC)	KV	≥4.1	≥4.1	≥3.1	-	ASTM D149
Dielectric Breakdown Voltage (DC)	KV	≥6.1	≥6.1	≥5.1	-	ASTM D149
Weight Loss	%	<0.2			-	ASTM E595 Modified
Density	g/cm ³	2.3	2.6	2.8	± 5%	ASTM D792
Operating Temperature	°C	-45~+180			-	-
Volume Resistivity	Ohm·m	>10 ¹²	>10 ¹²	>10 ¹⁰	-	ASTM D257
Elongation	%	60	60	30	-	ASTM D412
Tensile Strength	kgf/cm ²	200	200	100	-	ASTM D412
Standard Format	-	Sheet			-	-
Hardness	Shore A	75	70	70	± 3	ASTM D2240

Different tolerances according to the selected thickness
Die-cut for different shapes