

TGX / TG-A126X

Ultra Soft Thermal Pad

REACH Compliant

RoHS Compliant

UL Compliant

Features

- High thermal conductivity
- Low hardness
- High compressibility and compliance
- Electrical insulation

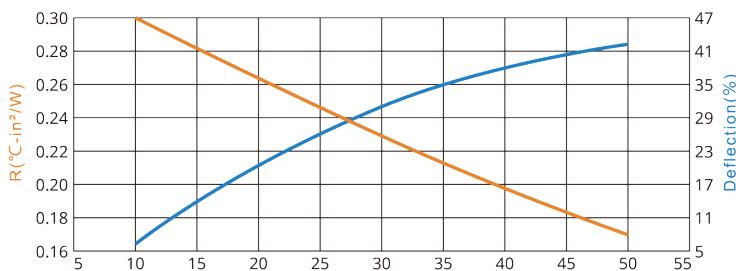
Applications

Usually used for industrial computers, military products

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIoT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Motherboard, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

Properties

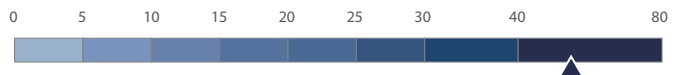
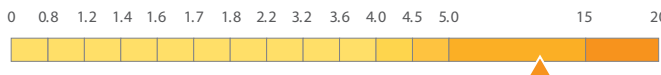
Thermal Resistance vs. Pressure vs. Deflection



Pressure (psi)	R (°C-in ² /W)	Deflection (%)
10	0.30	6
30	0.23	31
50	0.17	42

Thermal Conductivity: 12.6 W/mK

Hardness: 55 (Shore 00)



Properties	TGX / TG-A126X	Unit	Tolerance	Test Method
Thermal Conductivity	12.6	W/mK	± 10%	ASTM D5470
Thickness	0.5~2.0	mm	-	ASTM D374
	0.0197~0.787	inch	-	ASTM D374
Colour	Grey	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	12.2	KV/mm	± 10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	3.4	g/cm ³	± 10%	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 ¹⁰	Ohm-m	-	ASTM D257
Standard Format	Sheet	-	-	-
Hardness	55	Shore 00	± 10	ASTM D2240

Pre-cut for different shapes