



TG-AD30

Ultra Soft Thermal Pad

REACH Compliant | RoHS Compliant | UL Comparable

Features

- High thermal conductivity
- Low thermal impedance
- Good electrical insulation

Applications

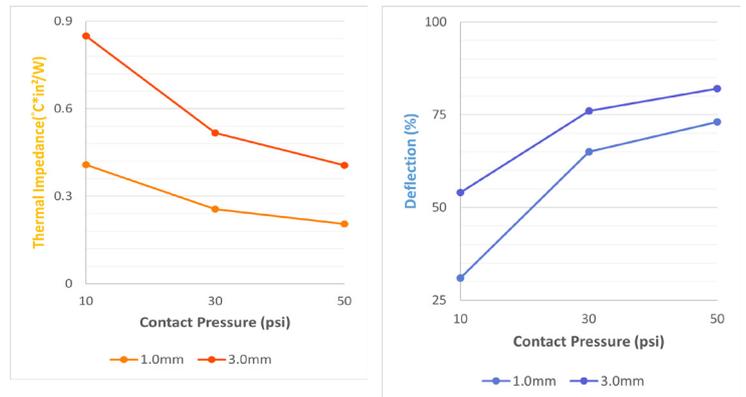
Best for high power applications

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

Properties



Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	TG-AD30	Tolerance	Test Method
Thermal Conductivity	W/m·K	3.0	±10%	ISO 22007-2
Thickness	mm	1.0~10.0	-	ASTM D374
	inch	0.039~0.394	-	ASTM D374
Color	-	Purple	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	kV/mm	≥5	-	ASTM D149
Weight Loss	%	<1	-	By T-Global
Density	g/cm ³	3.05	±5%	ASTM D792
Operating Temperature	°C	-50~+150	-	-
Volume Resistivity	Ohm·m	10 ¹²	±10%	ASTM D257
Tensile Strength @T3.0mm	kgf/cm ²	≥50	-	ASTM D412
Elongation	%	≥350	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	20	±10	ASTM D2240

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

T-Global Technology (Europe & North America) Ltd.

Units 1-2 Cosford Business Park, Central Park, Lutterworth, Leicestershire, LE17 4QU, United Kingdom
 T +44 (0)1455 553 510 E sales@tglobaltechnology.com W www.tglobaltechnology.com

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