

## TG-A1660

### Ultra Soft Thermal Pad

REACH Compliant

RoHS Compliant

UL Comparable

#### Features

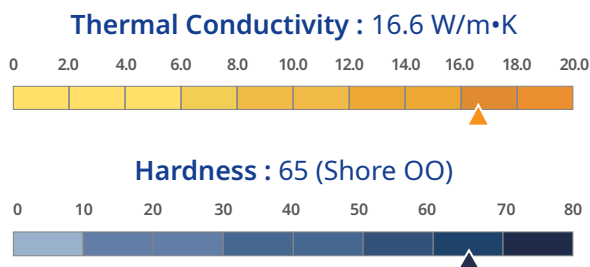
- High thermal conductivity
- Low thermal impedance
- Good electrical insulation

#### Application:

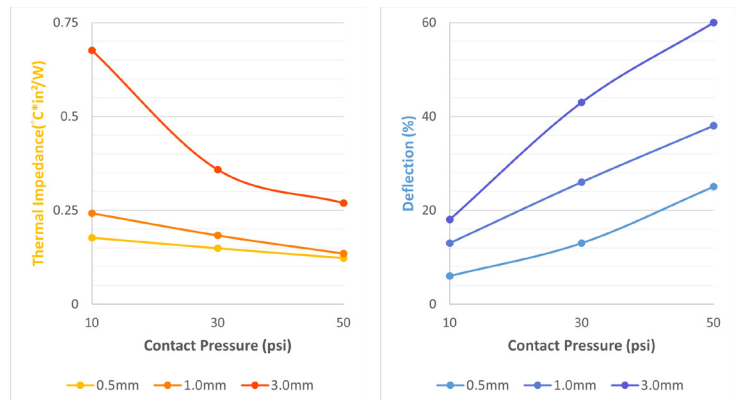
**Best for high power applications**

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-A1660	Tolerance	Test Method
Thermal Conductivity	W/m·K	16.6	±10%	ASTM D5470 Modified
Thickness	mm	0.5~2.0	-	ASTM D374
	inch	0.0197~0.0787	-	ASTM D374
Color	-	Dark Gray	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	KV/mm	≥7	-	ASTM D149
Weight Loss	%	<1	-	ASTM E595 Modified
Density	g/cm³	3.6	±5%	ASTM D792
Operating Temperature	°C	-50~+180	-	-
Volume Resistivity	Ohm-m	5×10 <sup>12</sup>	-	ASTM D257
Elongation	%	20	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	65	±10	ASTM D2240

※For thicknesses less than 1.0mm, hardness will be adjusted to 50-75 Shore OO to facilitate effective removal of liner during production

※Different tolerances according to the selected thickness

※Die-cut for different shapes

#### T-Global USA LLC

2880 Zanker Road, Suite 103, San Jose, CA 95134, USA

T +1(669)345-0002 E usa@tglobalcorp.com W tglobal-usa.com

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