

**RoHS
Compliant**



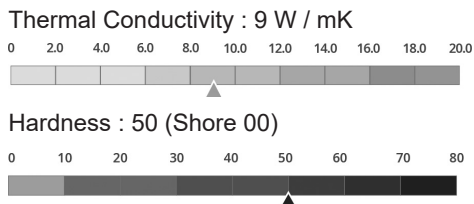
Features

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

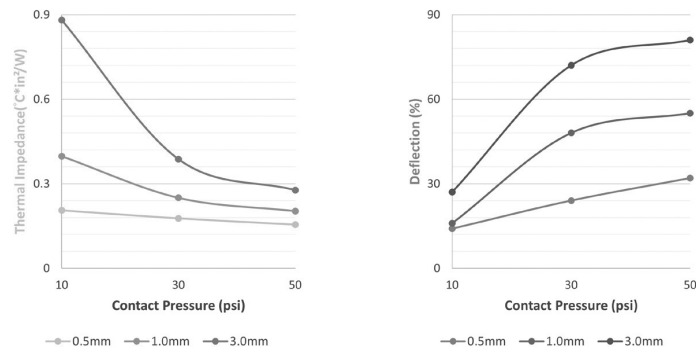
Applications

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	MPTG-A9000	Unit	Tolerance	Test Method
Thermal Conductivity	9.0	W/m·K	±10%	ASTM D5470 Modified
Thickness	0.5~8.0	mm	-	ASTM D374
	0.0197~0.3149	inch	-	ASTM D374
Color	Pink	-	-	Colorimeter CIE 1976
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥8	KV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595 Modified
Density	3.2	g/cm ³	±5%	ASTM D792
Operating Temperature	50~+180	°C	-	-
Volume Resistivity	1×10 ¹²	Ohm-m	-	ASTM D257
Elongation	40	%	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	50	Shore OO	±15	ASTM D2240

- For thicknesses less than 1mm, 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

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Farnell.com/multicomp-pro
Element14.com/multicomp-pro

Part Number Table

Description	Part Number
Ultra Soft Thermal Pad, Pink, 150mm × 150mm × 0.5mm	MP-TG-A9000-150-0.5
Ultra Soft Thermal Pad, Pink, 150mm × 150mm × 1.0mm	MP-TG-A9000-150-1.0
Ultra Soft Thermal Pad, Pink, 150mm × 150mm × 1.5mm	MP-TG-A9000-150-1.5
Ultra Soft Thermal Pad, Pink, 150mm × 150mm × 2.0mm	MP-TG-A9000-150-2.0
Ultra Soft Thermal Pad, Pink, 150mm × 150mm × 3.0mm	MP-TG-A9000-150-3.0

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