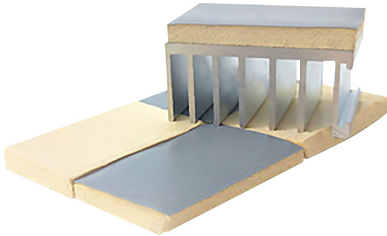


**RoHS
Compliant**



Features

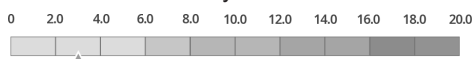
- High thermal conductivity
- Fiberglass on one side
- Non-deforming
- Electrical insulation

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

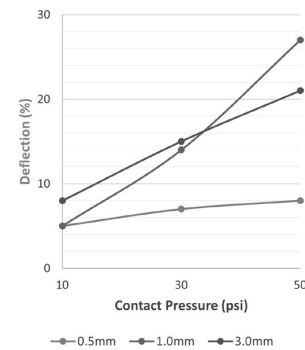
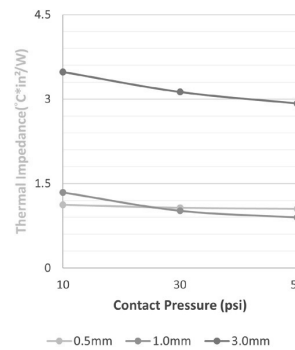
Thermal Conductivity : 3 W / mK



Hardness : 35 (Shore 00)



Contact Pressure, Thermal Impedance, and Deflection



Properties	MPTG-A2200	Unit	Tolerance	Test Method
Thermal Conductivity	3.0	W/m·K	±10%	ASTM D5470 Modified
Thickness	0.5~8.0	mm	-	ASTM D374
	0.0197~0.3149	inch	-	ASTM D374
Colour	Yellow	-	-	Colorimeter CIE 1976
Reinforcement Carrier	Fiberglass mesh	-	-	-
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	≥18	KV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595 Modified
Density	2.3	g/cm ³	±5%	ASTM D792
Operating Temperature	50~+180	° C	-	-
Volume Resistivity	8×10 ¹²	Ohm-m	-	ASTM D257
Elongation	80	%	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness (Silicone Side)	35	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

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

Part Number Table

Description	Part Number
Fiberglass Mesh Thermal Pad, Yellow, 150mm × 150mm × 0.5mm	MP-TG-A3500F-150-0.5A
Fiberglass Mesh Thermal Pad, Yellow, 150mm × 150mm × 0.8mm	MP-TG-A3500F-150-0.8A
Fiberglass Mesh Thermal Pad, Yellow, 150mm × 150mm × 1mm	MP-TG-A3500F-150-1.0A
Fiberglass Mesh Thermal Pad, Yellow, 150mm × 150mm × 1.2mm	MP-TG-A3500F-150-1.2A
Fiberglass Mesh Thermal Pad, Yellow, 150mm × 150mm × 1.5mm	MP-TG-A3500F-150-1.5A
Fiberglass Mesh Thermal Pad, Yellow, 150mm × 150mm × 2.0mm	MP-TG-A3500F-150-2.0A

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