

# TP120 Series Thermally Conductive Gap Filler

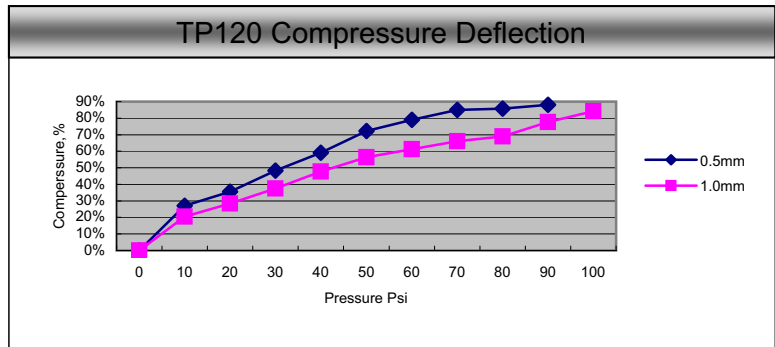
Thermal Interface Materials

## Features:

- 1.2W/m.k Thermal Conductivity
- Ultra soft at low pressures
- Naturally tacky
- Electrically insulating

## Applications:

- VGA Card, Game consoles, Notebook Chip Set
- Led Lighting, LED Backlight TV, Wireless Hub, Memory Modules, Memory RAM Bus
- Power suppliers (AC-DC, DC-DC, battery back-up systems)



Typical Properties of TP120			
Properties	Units	Metric Value	Test Method
Construction & Composition	----	Silicone & Ceramic filled	----
Color	----	Pink	Visual
Thickness Range	mm	0.5~12.0	----
Hardness	Shore C	15	ASTM D2240
Density	g/cc	2.3	ASTM D792
Tensile Strength	KN/m	1	ASTM D412
Elongation	%	70%	ASTM D412
Continuous Use Temp	°C	-40 to 150	EN344
Breakdown Voltage	Kv/mm	≥6.5	ASTM D149
Volume Impedance	ohm-cm	$3.5 \times 10^{12}$	ASTM D257
Dielectric Constant	1MHz	3.87	ASTM D150
Weight Damnify	----	≤ 1 %	@150°C 240H
Flame Rating	----	V-0	UL 94
Thermal Conductivity	W/m.k	1.2	ASTM E1461
UL, RoHS, REACH	----	Compliance	----

## Sheet sizes:

Standard sheet size:200x400mm; Custom Die-cut parts available; Available with or without PSA

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