



## TG4040F / TG-A404F

### Ultra Soft Thermal Pad

REACH Compliant

RoHS Compliant

UL Compliant

#### Features

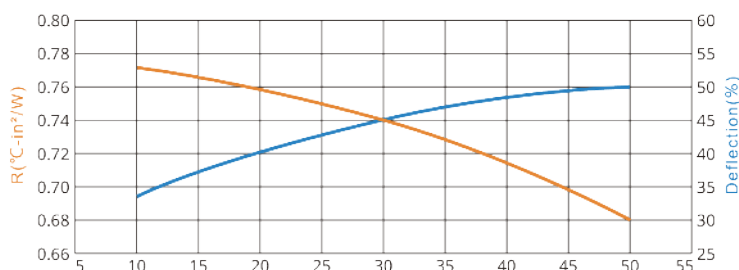
- Very good thermal conductivity
- Fiberglass on one side
- Non deforming, High tensile strength
- Electrical insulation, High compressibility

#### Applications

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

#### Properties

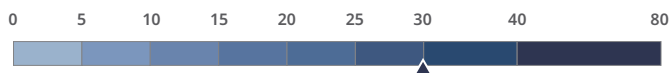
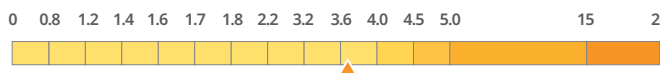
##### Thermal Resistance vs. Pressure vs. Deflection



Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	0.77	34
30	0.74	45
50	0.68	50

##### Thermal Conductivity : 3.7 W/mK

##### Hardness : 30 (Shore 00)



Properties	TG4040F / TG-A404F	Unit	Tolerance	Test Method
Thermal Conductivity	3.7	W/mK	±10%	ASTM D5470
Thickness	0.5~5.0	mm	-	ASTM D374
	0.0197~0.1969	inch	-	ASTM D374
Colour	Blue	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	15.3	KV/mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.8	g/cm³	±10%	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 <sup>10</sup>	Ohm-m	-	ASTM D257
Elongation	100	%	-	ASTM D412
Tensile Strength	1	kgf/cm²	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	30	Shore 00	±10	ASTM D2240

Pre-cut for different shapes

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Version17  
20200701

T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

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