

THERMALLY CONDUCTIVE SILICONE FILM

4.0W/mK, 45 SHORE 00, 290x290x0.25~0.75Tmm

P3TF400US

A super thin, thermally conductive, film with 4.0W/mk Thermal Conductivity. Due its fiberglass re-enforcement it provides durability in harsh environments and yet its softness, 45 Shore 00 ensures, good contact with un-even surfaces of the electronic components. It is also non-electrically conductive with a Breakdown voltage 10 KV/mm.



PRODUCT APPLICATION

- Electronic parts: IC, CPU, MOS.
- LED, M/B, PS, HEAT SINK, LCD-TV, NB.
- DDRII Module, DVD Application and so on.

Item	Unit	Specification	Test Method
Thermal Conductivity	W/m.k	4.0	ASTM E 1530
Hardness	Shore 00	45	ASTM D2240
Thickness	mm	0.25~0.75	ASTM D374
Specific Gravity	g/cm ³	2.3	ASTM D792
Tensile Strength	Kgf/ cm ²	58	ASTM D412
Elongation	%	12	ASTM D412
Volume Resistance	Ω-cm	>10 ¹²	ASTM D257
Insulation Strength	kV / mm	>10	ASTM D149
Dielectric Constant	(ε)	4.3@60Hz	ASTM D150
„	„	4.1@1KHz	„
„	„	4.1@1MHz	„
Flammability	-	94 V-0	UL
Max Temperature Range	°C	-50~+200	-
Sheet Size	mm	290x290	-
ROHS	-	PASS	SGS
Halogen Free	-	PASS	SGS
REACH	-	PASS	SGS
Colour	-	Grey	Visual

Part number system:

P3TF400US-XX-TX

XX = Thickness

25 - 0.25mm

30 - 0.3mm

40 - 0.4mm

50 - 0.5mm

75 - 0.75mm

TX = Adhesive Tape

T1 - One side

T2 - Two Side

Thermasol

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