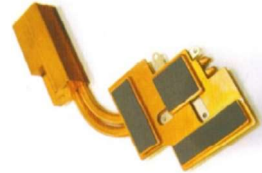


THERMALLY CONDUCTIVE SILICONE FILM

P3TF SERIES

Super thin, thermally conductive silicone film with thermal conductivity up to 4.0 w/mk. Due to its fiberglass re-enforcement the thermal conductive film provides durability in harsh environments and yet its softness, 45 Shore 00, ensures good contact with un-even surfaces. Also non-electrically conductive.



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	P3TF200US	P3TF400US	Test Method
Thermal Conductivity	W/m.k	2.0	4.0	ASTM E 1530
Hardness	Shore 00	45	45	ASTM D2240
Thickness	Mm	0.25~0.75	0.25~0.75	ASTM D374
Specific Gravity	g/cm ³	2.3	2.3	ASTM D792
Tensile Strength	Kgf/cm ²	58	58	ASTM D412
Elongation	%	12	12	ASTM D412
Volume Resistance	Ω-cm	>10 ¹²	>10 ¹²	ASTM D257
Insulation Stength	kV/mm	>10	>10	ASTM D149
Dielectric Constant	(ε)	4.3@60Hz	4.3@60Hz	ASTM D150
"	"	4.1@1KHz	4.1@1KHz	"
"	"	4.1@1MHz	4.1@1MHz	"
Flammability	-	94 V-0	94 V-0	UL
Max Temperature Range	°C	-50~200	-50~200	-
Sheet Size	mm	290x290	290x290	-
Halogen Free	-	PASS	PASS	SGS
Colour	-	Grey	Grey	Visual

Part number system:

P3TF200US-XX TX

XX = Thickness TX = Adhesive Tape
 25 – 0.25mm T1 – One side
 30 – 0.3mm T2 – Two side
 40 – 0.4mm
 50 – 0.5mm
 75 – 0.75mm

AMEC Thermasol

1-2 Steam Mill Lane, Great Yarmouth, Norfolk, NR31 0HP

Telephone: +44(0) 1493 668622

Email: sales@amecthermasol.co.uk Website: www.amecthermasol.co.uk