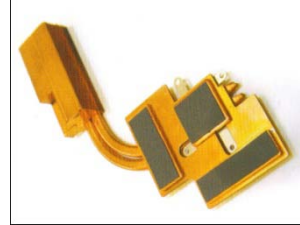


THERMALLY CONDUCTIVE FILLER PAD

6.0W/mK, 86 SHORE 00, 300x300x0.5~5.0Tmm

W10TR600A

With an extremely high thermal conductivity 6.0 (W/m-K); medium softness 86 Shore 00; with high tensile strength. The W10TR600A series is good general purpose, competitively priced, material. It provides durability in harsh environments whilst conducting heat away from electronic components. Available with adhesive tape one side or both sides and with one. Can be supplied die cut to customer specification.



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	W10TR600A					Test Method
Thermal Conductivity	W/m.k	6.0					ASTM D5470
Hardness	Shore 00	80					ASTM D2240
Thickness	mm	0.3~15					ASTM D374
Specific Gravity	g/cm ³	2.46					ASTM D792
Weight Loss	%	<1					120° / 24hrs
Tensile Strength	Psi	33.70					ASTM D412
Elongation	%	90.82					ASTM D412
Insulation Strength	kV / mm	?					ASTM D149
Flammability	-	94 V-0					UL
Max Temperature Range	°C	-40 ~ +200					-
Sheet Size	mm	300x300					-
Colour	-	Grey					Visual
Thermal Resistance							
Thickness	0.5mm	1.0mm	1.5mm	2.0mm	3.0mm	5.0mm	
°C/W	0.167	0.398	0.540	0.610	0.896	1.371	
°C*cm ² /W	1.604	3.822	5.189	5.860	8.612	13.172	
°C*in ² /W	0.249	0.593	0.804	0.908	1.335	2.042	
Specimen : 31mm-square (@40 psi)							

Part number system:

W10TR600G-XX-TX

XX = Thickness
 05 - 0.5mm
 10 - 1.0mm
 20 - 2.0mm
 30 - 3.0mm
 40 - 4.0mm
 50 - 5.0mm

GF = One side Fiberglass reinforcement
 Blank – Not required

TX = Adhesive Tape
 T1 - One side
 T2 - Two Side

AMEC Thermasol

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