

THERMAL FILLER PAD

series: **W10TR600A**



- Thermal conductivity: 6.0W/mk.
- Low thermal resistance and electrically isolating.
- Low oil bleed.
- Conforms to irregular surfaces.
- Effective thermal interface between heat sinks and devices.
- Eliminates air gaps.
- Flammability rating: UL 94 V-0.
- Available with fibreglass reinforcement one side and adhesive tape one/both sides.
- Typical applications include memory modules, DDR & SD RAM assemblies, hard drives and computer parts.

Item	Unit	W10TR600A	Test Method
Thermal Conductivity	W/mk	6.0	ASTM D5470
Hardness	Shore 00	80	ASTM D2240
Thickness	Mm	0.3 ~ 3.0	ASTM D374
Specific Gravity	g/cm ³	2.46	ASTM D792
Weight Loss	%	<1	120°/24 hours
Tensile Strength	Psi	35	ASTM D412
Elongation	%	140	ASTM D412
Insulation Strength	kV/mm	10	ASTM D149
Flammability	-	94 V-0	UL
Max Temperature Range	°C	-40 ~ +200	-
Sheet Size	mm	305x305	-
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	N/A
°C*cm ² /W	1.604	3.822	5.189	5.860	8.612	N/A
°C*cm ² /W	0.249	0.593	0.804	0.908	1.335	N/A
Specimen: 31mm – square (@40psi)						