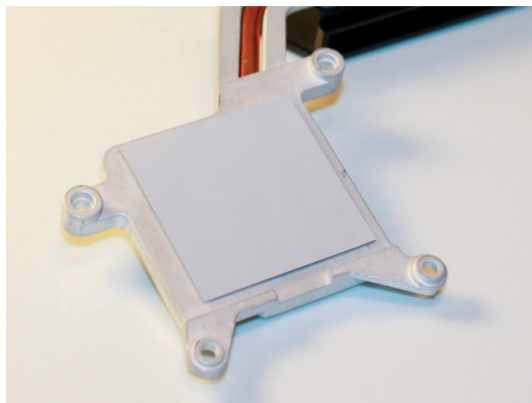


Ti900

Thermally Conductive Insulators on rolls



Features

High Insulation Strength
Low thermal resistance
Easy to assemble

Applications

Electronic components: IC / CPU / MOS
LED / M/B / P/S / Heat Sink / LCD-TV / Notebook PC / PC / Telecom Device /
Wireless Hub etc....
DDR II Module / DVD Applications / Hand-Set applications etc...

Properties

Property	Ti900	Unit	Test Methods
Viscose	One Side		ASTM D374
Thickness	0.12	[mm]	-
Roll Length / Width	50 - 320	Metres / mm	-
Base	RITF		-
Thermal Conductivity	1.8	w/m K*1	ASTM D5470
Thermal Resistance @ 10psi	0.50	[K in ² / W]	ASTM D5470
Thermal Resistance @ 30psi	0.42	[K in ² / W]	ASTM D5470
Thermal Resistance @ 50psi	0.35	[K in ² / W]	ASTM D5470
Thermal Resistance @ 100psi	0.29	[K in ² / W]	ASTM D5470
Thermal Resistance @ 200psi	0.28	[K in ² / W]	ASTM D5470
Thermal Resistance @ 400psi	0.27	[K in ² / W]	ASTM D5470
Insulation Strength Vac, V	>6000	-	ASTM D149
Volume resistance	>10 ¹²	Ohm-cm	ASTM D257
Working Temperature	-50 to 180	°C	-
Tensile Strength	5000	PSI	ASTM D412
Elongation	40	%	ASTM D412
Flame rating UL	Pending (as V-0)	-	UL94

Available with an adhesive backing

*1 Measured using a method ASTMD5470-06 sample size 1 in²

