

Silicone Thermal Tape / XK-T09

Introduction

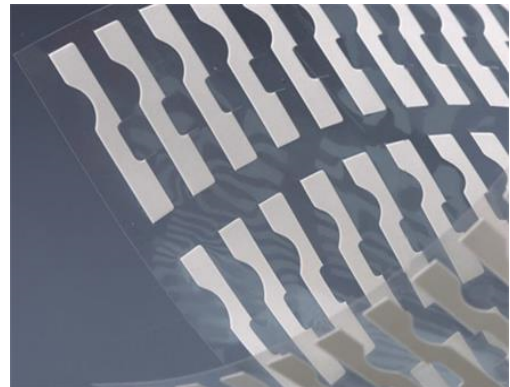
XK-T are thermal conducting, electrical insulating and double sided adhesive films. They have an excellent thermal resistance (288°), high thermal conductivity and good insulation characteristics. The viscosity strength will vary with the time, temperature and pressure.

Features

- High temperature resistance
- High thermally conductive
- Self adhesive

Application

- Mount heat sink onto processor
- Mount heat spreader onto PCB



	unit	XK-T09		Method
		Fiberglass	Fiberglass	
Reinforcement Carrier		Fiberglass	Fiberglass	
Color		White	White	visual
Thickness	mm	0.15	0.25	ASTM D374
Specific Gravity	g/cm ³	1.8	1.8	ASTM D792
Bonding strength	N/in	>8	>8	
Thermal impedance	°Cin ² /W	0.9	1.2	ASTM D5470
Thermal Conductivity	W/mK	0.7	0.7	HOT DISK
Volume Resistivity	Ωcm	>10 ¹³	>10 ¹³	ASTM D257
Breakdown Voltage	KV	3	4	ASTM D149
Dielectric Constant	1	5	5	ASTM D150
Application temperature	°C	-20~180	-20~180	
Tensile strength	psi	>1000	>1000	ASTM D149
Elongation	%	30	30	ASTM D149
Siloxane Volatiles D4~D20	%	0	0	GC-FID