

# Electrical Insulation thermal interface PCM XK-C16

## Introduction

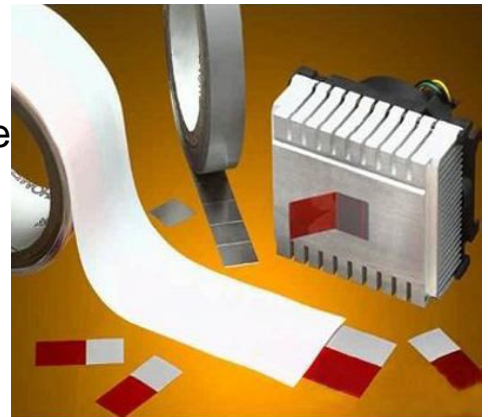
XK-C16 is produced on the basis of phase changing properties  
Non-silicone with excellent dielectric and mechanical strength

## Features

Special design for easy use and storage  
High viscosity (at 80°) will not drip or run like greas

## Applications

High performance computer processors  
Graphic cards



	Unit	XK-C16	Method
Reinforcement Carrier		kapton	
Color		white	visual
Thickness	mm	0.1	ASTM D374
Specific Gravity	g/cm <sup>3</sup>	1.8	ASTM D792
Thermal impedance	°C in <sup>2</sup> /W	0.11	ASTM D5470
Thermal Conductivity	W/mK	1.6	HOT DISK
Volume Resistivity	Ωcm	>10 <sup>14</sup>	ASTM D257
Breakdown Voltage	KV	>4.0	ASTM D149
Dielectric Constant	1	4.5	ASTM D150
Application Temperature	°C	-20~150	
Storage Temperature	°C	<23	
Phase Change Temperature	°C	56	
Tensile Strength	psi	>1000	ASTM D149
Elongation	%	<5	ASTM D149
Siloxane Volatiles D4~D20	%	0	GC-FID
Flammability	UL94	V-0	UL94