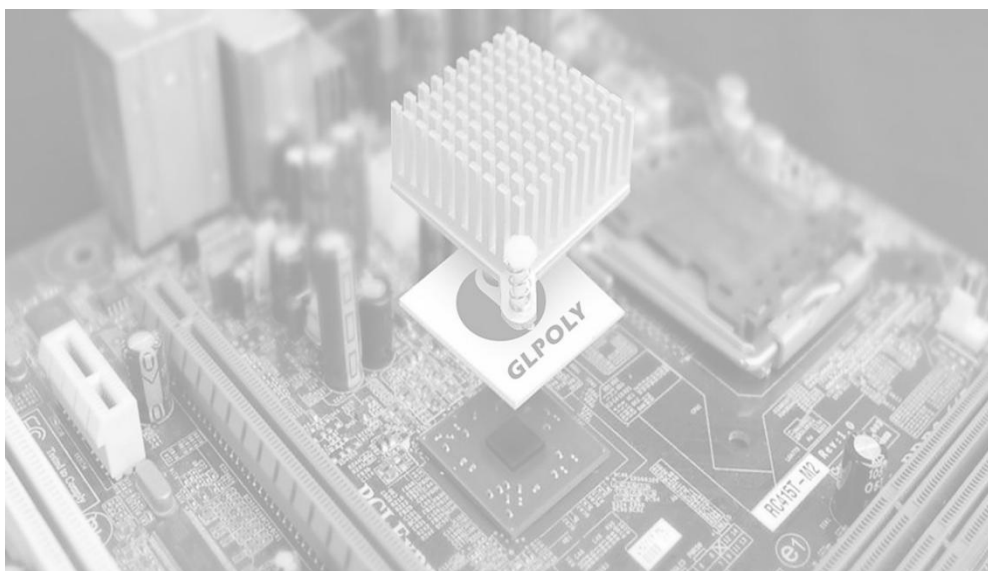




GLPOLY XK-P30S20 Thermal Pad

Reinforced Silicone Thermal Conductive Pad

Description	Key Features	Typical Applications
<p>This series of products have the characteristics of good resilience, large deformation, suitable for the design tolerance environment of large components. Products adopt with double layer structure, reinforced with special ultra-thin fabric, strong stress resistance, good operability. whether punching, strip type or special design will not break or transform.</p> <p>It can be single sided or double-sided, with self-adhesive silica gel, self-adhesive will never fall off.</p> <p>No corrosion to metal surfaces.</p> <p>Completely non-toxic, compliant with international environment ROHS, SS-00259 and The IPC/JEDEC J - STD - 709 standard</p>	<p>High thermal conductivity 3W/mk Ultra soft Low thermal resistance Conformable, low hardness Good electrical insulation</p> <p>Specially designed for low stress applications</p> <p>Fiberglass reinforced materials will not deform in the face of piercing, shearing and tearing.</p>	<p>Automotive electronics Digital disk drives Telecommunications Industrial and medical equipment</p>



Material Properties

	Unit	XK-P30S20	Method
Reinforcement Carrier		Fiberglass	
Inherent surface Tack(1-/2-side)		2-side	
Color		Blue	Visual
Thickness	mm	0.3-5.0	ASTM D374
Specific Gravity	g/cm ³	3.0±0.1	ASTM D792
Hardness	Shore 00	20-70	ASTM D2240
Thermal Impedance @1.0mm 20psi	°Cin ² /W	0.43	ASTM D5470
Thermal Impedance @1.0 mm 50 psi	°Cin ² /W	0.33	ASTM D5470
Thermal Conductivity	W/mk	3.0	ASTM D5470
Volume Resistivity	Ωcm	>10 ¹³	ASTM D257
Breakdown Voltage	KV/mm	10	ASTM D149
Dielectric Constant	1	8	ASTM D150
Total Mass loss	%	<0.5	ASTM E595
Application Temperature	°C	-60~200	ASTM G166
Tensile strength	psi	>200	ASTM D412
Elongation	%	≥10	ASTM D412
Siloxane Volatile s D4~D20	%	<0.01	GC-FID
Flammability	UL94	V-0	UL94



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Learn More

For additional information or Material Safety Data Sheets on the complete line of GLPOLY thermal interface management solutions, please call our office

tel: 86-755-27579310, visit www.glpoly.com or send a message to kemmy@glpoly.com.

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