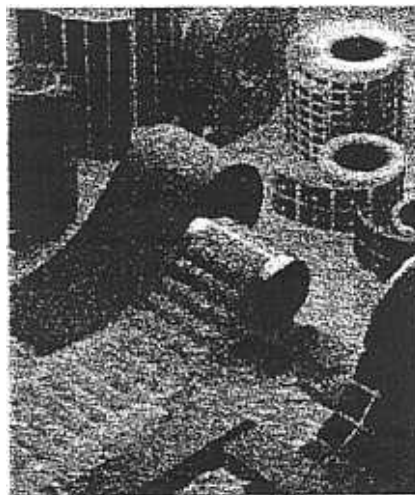


Sil-Pad KA-10TM

The High Performance T-FilmTM Based Insulator

Bergquist Sil-Pad KA-10 is the highest performance insulator that utilizes Bergquist's dielectric material T-FilmTM. KA-10 combines T-Film with a very compliant, high thermal performance silicone rubber. The result is a product with good cut-through properties and excellent thermal performance.

KA-10 is designed to meet the thermal and electrical requirements of the most demanding applications.



SPECIAL THICKNESSES

Sil-Pad KA-10 is available in a variety of thicknesses to meet customer requirements.

TOLERANCES: .015 inches are held on width, length, hole diameter and hole location. Contact the factory if tighter tolerances are required.

SHEETS: 6" x 6", 6" x 12", 8" x 8", 10" x 10", or 12" x 12" sheets are available from stock, with or without adhesive.

ROLLS: Sil-Pad materials are available in roll form, with or without adhesive. Contact the factory.

SPECIAL SHAPES: We produce thousands of specials. Tooling charges are minimal for simple parts. Increased complexity or tighter tolerances increase tooling charges.

TYPICAL PROPERTIES OF SIL-PAD[®] KA-10

PROPERTY	TYPICAL VALUE	TEST METHOD
Color	Beige	
Thickness, Inches	006±001	ASTM D374
Thermal Resistance, °C/Watt/in ²	0.2	ASTM D5470
Volume Resistivity, Ohm Metre Min.	1.0x10 ¹⁰	ASTM D257
Breakdown Voltage, Volts a-c Min.	4000	ASTM D149
Dielectric Constant, @ 1000 Hz	3.7	ASTM D150
Continuous Use Temp. °C	-60 to +150	-
Thermal Conductivity W/m-K	1.3	ASTM D5470
Breaking Strength, Lbs/inch	15	
kN/m	2.5	ASTM D1458
Elongation, % 45° to warp and fill	7	ASTM D882A
Hardness, Shore A	90	ASTM D2240
Construction	Silicone/T-Film	
Tensile Strength, kPsi	11	ASTM D882A

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