



# BERGQUIST SIL PAD TSP PPK900

Known as BERGQUIST POLY-PAD K-4  
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## PRODUCT DESCRIPTION

Polyester-Based, Thermally Conductive Insulation Material.

<b>Technology</b>	Polyester-based
Appearance	Mauve
Reinforcement Carrier	Kapton
Total Thickness , ASTM D374	0.152 ± 0.25 mm
<b>Application</b>	Thermal management, Thermally conductive adhesive
Maximum Operating Temperature	150°C

## TYPICAL APPLICATIONS

- Applications requiring conformal coatings
- Telecommunications
- Aerospace

BERGQUIST SIL PAD TSP PPK900 is a composite of DuPont Kapton film coated with an alumina-filled polyester resin. BERGQUIST SIL PAD TSP PPK900 is an economical insulator and the Kapton carrier provides excellent dielectric and physical strength.

## TYPICAL PROPERTIES

### Electrical Properties

Dielectric Breakdown Voltage , ASTM D149, VAC	6,000
Volume Resistivity, ASTM D257, ohm-meter	1×10 <sup>12</sup>

### Thermal Properties

Thermal Conductivity , ASTM D5470, W/(m-K)	0.9
Thermal Resistance, Bergquist Flat Plate Test Method, °C-in <sup>2</sup> /W	0.3

## GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet, (SDS).

### Not for product specifications

The technical data contained herein are intended as reference only. Please contact your local quality department for assistance and recommendations on specifications for this product.

## Conversions

(°C x 1.8) + 32 = °F  
 kV/mm x 25.4 = V/mil  
 mm / 25.4 = inches  
 N x 0.225 = lb/F  
 N/mm x 5.71 = lb/in  
 psi x 145 = N/mm<sup>2</sup>  
 MPa = N/mm<sup>2</sup>  
 N·m x 8.851 = lb·in  
 N·m x 0.738 = lb·ft  
 N·mm x 0.142 = oz·in  
 mPa·s = cP

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