

Product Description

Shin-Etsu's KE-3420 is a fast, single component, room-temperature curing conformal coating that will cure to form a durable and flexible elastomer for protecting electronic components. KE-3420 is suitable for selective spray coating, mass coating, and flow coating, making it ideal for coating circuit boards.

Product Features

- Fast cure
- Single component
- Room-temperature cure
- Low odor and non-corrosive
- Excellent unprimed adhesion to most substrates

Typical Applications

- Coating circuit boards and other electronic components

Typical Properties

Type	Conformal Coating
Cure Type	Condensation
One/Two Component	One
Low Molecular Weight Siloxane Stripped?	Y
Color	Transparent
Density @ 23C (g/cm ³)	1.01
Viscosity (cps)	750.00
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	6
Shore A Hardness	20
Tensile Strength (MPa)	0.50
% Elongation	140
Shear Strength (MPa)	2.00
Volume Resistivity (TΩ·m)	60
Dielectric Strength (kV/mm)	25
Dielectric Constant	3.0 @ 50Hz
Dielectric Dissipation Factor	3x10 ⁻⁴ @ 50Hz
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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