



KE-3475-T

Shin-Etsu Silicones of America, Inc.
800-544-1745

Product Description

Shin-Etsu's KE-3475-T 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-3475-T is suitable for application by 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 circuit board substrates

Typical Applications

- Coating circuit boards and other electronic components

Storage and Shelf Life

The shelf life of KE-3475-T is six months from date of shipment when stored at 23C in its original, unopened container.

Typical Properties

Type	Conformal Coating
Cure Type	Condensation
One/Two Component	One
Color	Translucent
Density @ 23C (g/cm ³)	1.01
Viscosity (cps)	2500
Cure Conditions	72hr @ 23C/50% RH
Tack Free Time (min)	5
Shore A Hardness	30
Tensile Strength (MPa)	0.8
% Elongation	180
Shear Strength (MPa) (Al/Al)	0.4
Volume Resistivity (TΩ·m)	3
Dielectric Strength (kV/mm)	22
Dielectric Constant	3.0 @ 50Hz
Dielectric Dissipation Factor	3x10 ⁻³ @ 50Hz
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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