



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

## KE-3472-T

### Product Description

Shin-Etsu's KE-3472-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-3472-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 substrates

### Typical Applications

- Coating circuit boards and other electronic components

### Typical Properties

Type	Conformal Coating
Cure Type	Condensation
One/Two Component	One
Color	Translucent
Density @ 23C (g/cm <sup>3</sup> )	1.00
Viscosity (cps)	250.00
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	15
Shore A Hardness	30
Tensile Strength (psi)	100
% Elongation	80
Shear Strength (psi)	20
Volume Resistivity (TΩ·m)	1
Dielectric Strength (kV/mm)	25
Dielectric Constant	3.1 @ 50Hz
Dielectric Dissipation Factor	1x10 <sup>-4</sup> @ 50Hz
Thermal Conductivity (W/m·K)	0.20
Usable Temperature Range (C)	-40 to +180

*Note: Values are not for specification purposes.*

Warranty- The information and data contained herein are believed to be accurate and reliable; however it is the user's responsibility to determine suitability of use. Since Shin-Etsu Silicones, Inc. cannot know all of the uses to which its products may be put or the conditions of use, it makes no warranties concerning the fitness or suitability of its products for a particular use or purpose. You should thoroughly test any proposed use of our products and independently conclude satisfactory performance in your application. Likewise, if the manner in which our products are used requires governmental approval or clearance, you must obtain it. Shin-Etsu Silicones, Inc. warrants only that its products will meet its specifications. There is no warranty of merchantability of fitness of use, nor any other expressed or implied warranties. The user's exclusive remedy and Shin-Etsu Silicones, Inc.'s sole liability is limited to refund of the price or replacement of any product shown to be otherwise than as warranted. Shin-Etsu Silicones, Inc. will not be liable for incidental or consequential damages of any kind. Suggestions of uses should not be taken as inducements to infringe any patents.