



Shin-Etsu Silicones of America, Inc.

## ***Preliminary Technical Bulletin***

### **KE3475TUV Condensation Cure Silicone**

**Description:** This product is a one-part, moisture cure, conformal coating silicone.

**Special Features:** Low viscosity, 100% solids, for electronic applications.

### **GENERAL PROPERTIES BEFORE CURE**

PROPERTY	TYPICAL PROPERTIES
Appearance	Translucent
Viscosity	2,500cps
Tack Free Time (23C / 50%RH)	4 minutes
Specific Gravity	1.04
% Solids	100

### **AFTER CURE PROPERTIES**

Hardness (Shore A)	25
Tensile (psi)	115
Elongation %	200
Shear Strength, psi (Al-Al)	60
Volume Resistivity, ohm-cm	$3 \times 10^{14}$
Dielectric Strength, kv/mm	22
Dielectric Constant, 60 Hz	3.0max
Dissipation Factor, 60 Hz	$3 \times 10^{-3}$

**Storage:** Store unopened container at ambient conditions.

**Shelf Life:** Six months from date of shipment if stored in correct conditions.

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 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.

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