



## KE-3497

### Product Description

Shin-Etsu's KE-3497 is a MIL-A-46146 rated, single component, room-temperature cure, self-leveling adhesive that cures to form a tough, durable elastomer. KE-3497 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

### Product Features

- MIL-A-46146A Type 1 or MIL-A-46146B Grade 1 Class 2 rated
- Single component
- Room-temperature cure
- Self-leveling
- Low odor and non-corrosive

### Typical Applications

- Form-in-place gasketing
- Sealing electronics

### Typical Properties

Type	Adhesive/Sealant
Cure Type	Condensation
One/Two Component	One
Low Molecular Weight Siloxane Stripped?	Y
Color	White, Translucent
Density @ 23C (g/cm <sup>3</sup> )	1.07
Viscosity (Pa·s)	35.00
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	15
Shore A Hardness	35
Tensile Strength (MPa)	3.00
% Elongation	300
Shear Strength (MPa)	0.80
Volume Resistivity (TΩ·m)	2
Dielectric Strength (kV/mm)	24
Dielectric Constant	3.0 @ 50Hz
Dielectric Dissipation Factor	1x10 <sup>-3</sup> @ 50Hz
Thermal Conductivity (W/m·K)	0.21
Usable Temperature Range (C)	-40 to +180

*Note: Values are not for specification purposes.*

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