

Product Description

Shin-Etsu's KE-4961 is a UL 94 V-0 rated, single component, fast, room temperature cure, thixotropic adhesive that will cure to form a tough, durable elastomer and exhibits excellent thermal conductivity. KE-4961 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- Fast tack free time
- Excellent thermal conductivity
- UL 94 V-0 certified
- Single component
- Room-temperature cure
- Thixotropic paste
- 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
UL	Y
Low Molecular Weight Siloxane Stripped?	Y
Color	White
Density @ 23C (g/cm ³)	2.34
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	1
Shore A Hardness	80
Tensile Strength (MPa)	3.90
% Elongation	60
Volume Resistivity (TΩ·m)	1.0
Dielectric Strength (kV/mm)	24
Dielectric Constant	4.3 @ 50Hz
Dielectric Dissipation Factor	1 x 10 ⁻¹ @ 50Hz
Thermal Conductivity (W/m·K)	1.60
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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