



## KE-4948

### Product Description

Shin-Etsu's KE-4948 is a UL 94 V-0 rated, single component, room-temperature cure, thixotropic adhesive that will cure to form a tough, durable elastomer and will not inhibit addition-cure products. KE4948 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

### Product Features

- Addition-cure sensitive
- UL 94 V-0 certified
- Single component
- Room-temperature cure
- Thixotropic paste
- Low odor and non-corrosive

### Typical Applications

- Filler for addition-cure silicone products
- Form in place gasketing
- Sealing electronics

### Typical Properties

Type	Adhesive/Sealant
Cure Type	Condensation
One/Two Component	One
UL	Y
Color	Gray
Density @ 23C (g/cm <sup>3</sup> )	1.40
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	5
Shore A Hardness	35
Tensile Strength (MPa)	2.00
% Elongation	400
Shear Strength (MPa)	1.50
Volume Resistivity (TΩ·m)	1.1
Dielectric Strength (kV/mm)	30
Dielectric Constant	3.8 @ 50Hz
Dielectric Dissipation Factor	2x10 <sup>-1</sup> @ 50Hz
Usable Temperature Range (C)	-40 to +180

*Note: Values are not for specification purposes.*

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