

Product Description

Shin-Etsu's KE-4948-G is a UL-94 V-0 rated, single component, room-temperature cure, thixotropic adhesive that will cure to form a tough, durable elastomer. KE-4948-G is a low odor, neutral cure, non-corrosive product that exhibits excellent unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- Formulated to not inhibit addition cure silicones
- 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 |
| Color | Gray |
| Density @ 23C (g/cm ³) | 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 | 2 x 10 ⁻¹ @ 50Hz |
| Usable Temperature Range (C) | -40 to +180 |

Note: Values are not for specification purposes.

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