

KE-40RTV

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu's KE-40RTV is a UL 94 V-0 rated, single component, room-temperature cure, thixotropic adhesive that will cure to form a tough, durable elastomer. KE-40RTV is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- 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 Listing	Y
Low Molecular Weight Siloxane Stripped?	Y
Color	Gray, White
Density @ 23C (g/cm ³)	1.58
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	12
Shore A Hardness	60
Tensile Strength (MPa)	2.90
% Elongation	200
Shear Strength (MPa)	1.00
Volume Resistivity (TΩ·m)	1
Dielectric Strength (kV/mm)	25
Dielectric Constant	3.9 @ 50Hz
Dielectric Dissipation Factor	1x10 ⁻² @ 50Hz
Thermal Conductivity (W/m·K)	0.42
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.

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