



KE-441

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu's KE-441 is a single component, room-temperature cure, self-leveling adhesive that will cure to form a tough, durable elastomer. KE-441 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

Product Features

- 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
Color	White, Translucent
Density @ 23C (g/cm ³)	1.04
Viscosity (Pa·s)	15.00
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	60
Shore A Hardness	20
Tensile Strength (MPa)	1.70
% Elongation	280
Shear Strength (MPa)	1.00
Volume Resistivity (TΩ·m)	5
Dielectric Strength (kV/mm)	20
Dielectric Constant	2.8 @ 50Hz
Dielectric Dissipation Factor	5x10 ⁻³ @ 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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