

## KE-44

### Product Description

Shin-Etsu's KE-44 is a single component, room-temperature cure, self-leveling adhesive that will cure to form a tough, durable elastomer. KE-44 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	Black, White, Translucent
Density @ 23C (g/cm <sup>3</sup> )	1.04
Viscosity (Pa·s)	70.00
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	40
Shore A Hardness	25
Tensile Strength (MPa)	2.00
% Elongation	300
Shear Strength (MPa)	1.20
Volume Resistivity (TΩ·m)	5
Dielectric Strength (kV/mm)	20
Dielectric Constant	2.8 @ 50Hz
Dielectric Dissipation Factor	5x10 <sup>-3</sup> @ 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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