



## KE-3491

Shin-Etsu Silicones of America, Inc.  
800-544-1745

### Product Description

Shin-Etsu's KE-3491 is a single component, room-temperature cure, thixotropic adhesive that will cure to a tough, durable elastomer and exhibits high electrical conductivity. KE-3491 is a low odor, neutral cure, non-corrosive product that exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics. For higher electrical conductivity, see KE-3492.

### Product Features

- Electrically conductive
- Single component
- Room-temperature cure
- Thixotropic paste
- Low odor and non-corrosive

### Typical Applications

- Form-in-place EMI shielding applications

### Typical Properties

Type	Adhesive/Sealant
Cure Type	Condensation
One/Two Component	One
Color	Black
Density @ 23C (g/cm <sup>3</sup> )	1.09
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	3
Shore A Hardness	48
Tensile Strength (MPa)	3.0
% Elongation	310
Shear Strength (MPa) (Al/Al)	1.4
Volume Resistivity (Ω-cm)	80
Usable Temperature Range (C)	-40 to +180

*Note: Values are not for specification purposes.*

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