



## KE-420

Shin-Etsu Silicones of America, Inc.  
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### Product Description

Shin-Etsu's KE-420 is an optically clear, single component, room-temperature cure, thixotropic adhesive that will cure to form a tough, durable elastomer. KE-420 exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics.

### Product Features

- Optically clear
- Single component
- Room-temperature cure
- Thixotropic paste

### Typical Applications

- Form-in-place gasketing
- Sealing electronics

### Typical Properties

Type	Adhesive/Sealant
Cure Type	Condensation
One/Two Component	One
Color	Transparent
Density @ 23C (g/cm <sup>3</sup> )	1.05
Cure Conditions	7days @ 23C/50% RH
Tack Free Time (min)	5
Shore A Hardness	30
Tensile Strength (MPa)	2.10
% Elongation	400
Dielectric Strength (kV/mm)	20
Dielectric Constant	3.5 @ 50Hz
Refractive Index (23C/589nm)	1.46
Usable Temperature Range (C)	-40 to +180

*Note: Values are not for specification purposes.*

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