

## Filler-Free Fast-Cure Pure Silicone Elastomers

Features: Provides thick film rapid-cure pure silicone elastomers with good adhesion to metals, glass and solvent compatible plastics and fibers. Products are free of abrasive-silica. Systems are high-speed moisture cure.





### Applications:

**electronic devices** - forms a soft conformal coating, free of abrasive silica.

**rubber and plastic overcoat** - provides a uniform low-roughness coating suitable for release and with an exceptionally smooth touch.

**supported membranes** - filler-free silicone allows maximum transport of gases.

**thin film seals and conformable gaskets** - may be applied by dipping or brushing.

Capsular Description:	Thickness  thin-thick	Cure  air/moisture	Hardness  low	Type  solvent-borne 1-part
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**Gelest Zipcone™ FA** polydimethylsiloxane RTV  
for maximum adhesion to polar substrates

### Description

Zipcone™ FA is a moisture activated filler-free silicone RTV dispersed in a solution of methyltetrahydrofuran. In the presence of atmospheric moisture, a condensation of silicone prepolymers occurs. The byproduct of the cure reaction is acetic acid which imparts a vinegar-like odor. The system is designed for wet out and adhesion to polar substrates.

### Cured Properties

Tensile Strength	>100psi
Elongation	>150%
Durometer, Shore A	>8
Tear Strength	>5pli

### Uncured Properties of Zipcone™ FA

Solids	48-52%
Viscosity	200-400 cSt.
Skin-over time	30-45 minutes
Cure time (0.25mm)	6-9 hours
Specific gravity	1.05
Flashpoint	-11°C

### Standard Packaging

PP1-ZPFA Zipcone™ FA
100g/\$22.00
750g/\$132.00
10kg/commercial package

### Cautions

Zipcone™ F series contain flammable solvents and cure released byproducts which are eye irritants. Avoid skin and eye contact. Use in a well ventilated area wearing gloves and safety glasses. Consult MSDS of the specific product used for additional safety information.

### Application Methods

Zipcone™ F series is applied by dipping, brushing or spin-on. Solvent is allowed to evaporate in an exhausted area. Cure is at room temperature. After opening, containers should be inerted with dry air or nitrogen before sealing to avoid cure in the container.