



## Gelest Zipcone™ CG





### Conformal Coating Pure Silicone Elastomers

Features: Provides conformal silicone elastomer films with excellent electrical properties that may be removed mechanically or by solvent systems. Systems are high-speed moisture cure.

#### Applications:

**electronic devices**- forms a soft conformal coating.

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

Capsular Description:	Thickness	 thin-thick	Cure	 air/moisture	Hardness	 low	Type	 100% active 1-part
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**Gelest Zipcone™ CG** medium viscosity, solvent-free polydimethylsiloxane RTV

#### Description

Zipcone™ CG is a moisture activated 100% solids silicone RTV. In the presence of atmospheric moisture, a condensation of silicone prepolymers occurs. The byproduct of the cure reaction is acetone. The system is designed as a physical and moisture barrier for electrical and optical assemblies which can be debonded for maintenance. A UV tracer dye has been incorporated to enable inspection of coating integrity.

#### Cured Properties

Tensile Strength	>110psi
Elongation	>100%
Durometer, Shore A	25
Volume Resistivity, ohm-cm	$3 \times 10^{14}$

#### Uncured Properties of Zipcone™ CG

Solids	100%
Viscosity	2500 cSt.
Skin-over time	5-6 minutes
Cure time (0.25mm)	6-9 hours
Specific gravity	1.03

#### Standard Packaging

PP1-ZPCG Zipcone™ CG	
100g/\$45.00	
1kg/\$270.00	
17kg/commercial package	

#### Application Methods

Zipcone™ C series is applied by dipping, brushing, flow-coat or spin-on. Cure is at room temperature. After opening, containers should be inerted with dry air or nitrogen before sealing, to avoid cure in the container.