



## Gelest Zipcone™ UA

### Ultraviolet Cure Clear Silicone Elastomer for Polymethacrylates

Features: Provide UV cure silicone elastomer coatings with high transparency and refractive index control.

Applications:

**optical component coating** - effective cladding and elastomeric seals.

**optical thermoplastics** - provides index matching (UA) for polymethacrylates. Applications include glazing, windscreens and computer screens.

Capsular Description:	Thickness	 thin to thick	Cure	 UV	Hardness	 medium	Type	 1-part
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#### Zipcone™ UA Index matching - UV Cure

##### Description

Zipcone™ UA is a clear acrylate modified silicone designed for UV cure.

##### Film Properties

Color	clear
Refractive Index	1.464
Hardness, Shore A	>60
Tensile Strength	80-120psi
Elongation	1%

##### Uncured Properties

Form	liquid
Solids	100%
Viscosity	40-180 cSt.
Specific Gravity	1.10
Flashpoint	>65°C

**Shelf life:** 3 months when stored below 15°C in sealed, light-protected containers.

##### Standard Packaging

PP1-ZPUA Zipcone™ UA
100g/\$110.00
1kg/\$660.00

#### Caution

Use in a well-ventilated area.  
Avoid contact with skin and eyes.

#### Application Methods

Zipcone™ UA is applied as a coating by dipping, brushing or syringing. Exposure to UV irradiation at 250-364 nm (mercury lamp) cures the coating in <1 minute. Oxygen inhibits film formation. Nitrogen blanket or other methods of air exclusion are recommended.