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# Norland Optical Adhesive NOA 68, 1 oz. Application Bottle

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Norland Optical Adhesive NOA68, 1 oz. Application Bottle

Stock **#36-427** [CONTACT US](#)

- 1 + **A\$66<sup>00</sup>**

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Volume Pricing	
Qty 1-4	<b>A\$66.40</b> each
Qty 5-11	<b>A\$59.84</b> each
Qty 12+	<b>A\$56.96</b> each
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**General**

1	Size (oz):
68	Norland Number:
4 months	Shelf Life:
	Type:

Bottle

**Typical Applications:**  
High viscosity adhesive for plastics: acrylic polycarbonate and CAB.

UV **Cure:**

## Optical Properties

1.54 @ 589nm **Index of Refraction ( $n_d$ ):**

350 - 380 **Absorption Range (nm):**

## Material Properties

Excellent **Glass Bonding:**

Good **Metal Bonding:**

Excellent/Good **Plastic Bonding:**

5000 **Viscosity (cps):**

Plastic to Plastic/Glass **Bonding Type:**

4.5 **Energy for Full Cure (J/cm<sup>2</sup>):**

## Environmental & Durability Factors

Flexible **Durability:**

## Regulatory Compliance

[Compliant](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 251:**

## Product Details

- Excellent Optical Qualities
- Adhesives for Glass, Metal, and Plastic Bonding
- Cure Quickly when Exposed to UV Light
- [Preloaded Norland Optical Adhesive Syringes](#) Also Available

Norland Optical Adhesives are clear, solvent-free optical adhesives designed to fully cure in only minutes when exposed to ultraviolet light. These adhesives are used in precision alignment or positioning applications that require a robust and resilient bond. Norland Optical Adhesives feature a variety of bonding types, including but not limited to glass to glass, glass to glass/metal, and plastic to plastic/glass. To use Norland Optical Adhesives, apply the adhesive to the optical surface, position the components, and use a [UV light source](#) to set the components in place. Since the adhesive will not cure until exposed to UV light, time can be taken during the positioning process to perfect product alignment.

## Technical Information

NORLAND OPTICAL ADHESIVES (NOA) APPLICATION NOTES	
Title	Description
<a href="#">Applying Adhesive</a>	Covers best practices to use when applying Norland Optical Adhesives to ensure an even adhesive layer while avoiding air bubbles.
<a href="#">Chemical Resistance of NOA</a>	Covers the effects of various chemicals on Norland Optical Adhesives including acids, bases, and solvents.
<a href="#">Preventing Lens Separations with NOA</a>	Covers best practices to avoid adhesive failures when bonding optical elements.
<a href="#">Separating Lenses Bonded with NOA</a>	Covers how to unbond optical elements bonded with Norland Optical Adhesives.

