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## Norland Optical Adhesive NOA 60, 1 oz. Application Bottle

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1 oz. Application Bottle of NOA (NOA60 shown as an example)

Stock **#42-192** **6 In Stock**

⊖ 1 ⊕ ₹3,488

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Volume Pricing	
Qty 1-4	₹3,488 each
Qty 5-9	₹3,294 each
Qty 10+	₹3,150 each
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### Product Downloads

### General

1 **Size (oz):**

60 **Norland Number:**

6 months **Shelf Life:**

**Type:**

Bottle

**Typical Applications:**  
General purpose adhesive. Has long shelf life.

## Optical Properties

**Index of Refraction ( $n_d$ ):**  
1.56 @ 589nm

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

## Material Properties

**Glass Bonding:**  
Good

**Metal Bonding:**  
Good

**Plastic Bonding:**  
Fair

**Viscosity (cps):**  
300

**Bonding Type:**  
Glass to Glass

**Energy for Full Cure (J/cm<sup>2</sup>):**  
3

## Environmental & Durability Factors

**Durability:**  
Tough

## Regulatory Compliance

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

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

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

**Country of Origin:**  
United States

**Imported By:**  
Edmund Optics India Private Limited

## 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.

