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## Norland Optical Adhesive NOA 86TH, 1 oz. Application Bottle

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Norland Optical Adhesive NOA86TH, 1 oz. Application Bottle

Stock #17-349 [CONTACT US](#)

⊖ 1 ⊕ MRP ₹9,611

📌 Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-4	₹9,611 each
Qty 5-11	₹8,655 each
Qty 12+	₹8,231 each
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### Product Downloads

### General

1 **Size (oz):**

86TH **Norland Number:**

4 months **Shelf Life:**

Bottle **Type:**

**Typical Applications:**  
Applications requiring adhesive meeting Bellcore specification of 85C/85RH for bonding glass for 2000 hours

**Note:**  
Heat curing (-H suffix) adhesives are oxygen inhibited. If used on the surface of a substrate, the adhesive will need to be cured under an inert atmosphere (like nitrogen) to fully cure. Liquid adhesives cannot be put in a vacuum because it will remove the stabilizers and sensitizers causing the adhesive to not cure properly.

UV/MS and/or Heat **Cure:**

## Optical Properties

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

315 - 420 **Absorption Range (nm):**

## Material Properties

Excellent **Glass Bonding:**

Good **Metal Bonding:**

Excellent/Good **Plastic Bonding:**

20000 - 25000 **Viscosity (cps):**

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

2.5 **Energy for Full Cure ( $J/cm^2$ ):**

## Environmental & Durability Factors

Hard **Durability:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**View** **Certificate of Conformance:**

**Compliant** **Reach 251:**

United States **Country of Origin:**

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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.