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Norland Optical Adhesive NOA 160, 1 oz. Application Bottle

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Norland Optical Adhesive NOA 160, 1 oz. Application Bottle

Stock **#12-860** **2 In Stock**

⊖ 1 ⊕ **\$126^{.70}**

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-4 | \$126.70 each |
| Qty 5-11 | \$114.10 each |
| Qty 12+ | \$108.50 each |
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Product Downloads

General

| | |
|----------|-----------------|
| 1 | Size (oz): |
| 160 | Norland Number: |
| 4 months | Shelf Life: |
| | Type: |

Bottle

Typical Applications:
Higher viscosity, high refractive index adhesive for bonding glass to glass or plastic.

UV **Cure:**

Optical Properties

1.60 @ 589nm **Index of Refraction (n_d):**

315 - 395 **Absorption Range (nm):**

Material Properties

Excellent **Glass Bonding:**

Good **Metal Bonding:**

Excellent **Plastic Bonding:**

2200 **Viscosity (cps):**

Glass to Glass **Bonding Type:**

6 **Energy for Full Cure (J/cm²):**

Environmental & Durability Factors

Soft & Rubbery **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 |
| Applying Adhesive | Covers best practices to use when applying Norland Optical Adhesives to ensure an even adhesive layer while avoiding air bubbles. |
| Chemical Resistance of NOA | Covers the effects of various chemicals on Norland Optical Adhesives including acids, bases, and solvents. |
| Preventing Lens Separations with NOA | Covers best practices to avoid adhesive failures when bonding optical elements. |
| Separating Lenses Bonded with NOA | Covers how to unbond optical elements bonded with Norland Optical Adhesives. |

