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# Norland Optical Adhesive NOA 61, 1 oz. Application Bottle

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Norland Optical Adhesive NOA61, 1 oz. Application Bottle

Stock **#37-322** **20+ In Stock**

⊖ 1 ⊕ A\$66<sup>00</sup>

ADD TO CART

Volume Pricing	
Qty 1-4	A\$66.40 each
Qty 5-11	A\$59.84 each
Qty 12+	A\$56.96 each
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Product Downloads

**General**

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

Bottle

**Typical Applications:**

Preferred adhesive for precision optical bonding. Meets ML-A-3920. Low shrinkage and resiliency of adhesive minimizes strain.

**Cure:**

UV

**Optical Properties**

1.56 @ 589nm **Index of Refraction (n<sub>d</sub>):**

320 - 380 **Absorption Range (nm):**

**Material Properties**

Excellent **Glass Bonding:**

Excellent **Metal Bonding:**

Fair **Plastic Bonding:**

300 **Viscosity (cps):**

Glass to Glass/Metal **Bonding Type:**

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

**Environmental & Durability Factors**

Tough **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.

