

## Preloaded Norland Optical Adhesive NOA 61 Dispensing Barrel (3cc)

See More by [Norland](#)



3cc Dispensing Barrel for NOA (NOA60 shown as an example)

Stock #55-155 [CONTACT US](#)

1 €27<sup>00</sup>

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Qty 1-4

€27,00

Qty 5+

€25,90

Volume Pricing

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**!** Prices shown are exclusive of VAT/local taxes

Product Downloads

### SPECIFICATIONS

#### General

Size (oz):  
0.1

**Norland Number:**  
61

**Shelf Life:**  
4 months

**Type:**  
Barrel

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

**Note:**  
Contains 2g of adhesive

## Physical & Mechanical Properties

**Size (cc):**  
3.00

## Optical Properties

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

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

## Material Properties

**Glass Bonding:**  
Excellent

**Metal Bonding:**  
Excellent

**Plastic Bonding:**  
Fair

**Viscosity (cps):**  
300

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

**Energy for Full Cure ( $J/cm^2$ ):**  
3

## Environmental & Durability Factors

**Durability:**  
Tough

## Regulatory Compliance

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

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

**REACH 241:**  
[Compliant](#)

## PRODUCT DETAILS

- Dispensing Syringes Preloaded with 2 or 10g of Adhesive
- Adhesives for Glass, Metal, and Plastic Bonding
- Require a Dispensing Unit & Dispenser Tips for Use
- [Applicator and Bulk Bottles](#) of Norland Adhesive Also Available

Preloaded Norland Optical Adhesive Syringes are pneumatic dispensing syringes preloaded with either 2g or 10g of Norland Optical Adhesive. Norland Optical Adhesives are one-part, UV curing adhesives that are used for glass, metal, and plastic bonding. A range of adhesives are available to meet specific application requirements such as ML-A-3920 for defense applications, low outgassing for aerospace applications, or UV transmission for UV optical applications. Preloaded Norland Optical Adhesive Syringes require a [dispensing unit](#) and [dispensing tips](#) for use and are ideal for applications requiring precise control of the amount of applied adhesive. Applicators and Bulk Bottles of Norland Adhesive are also available.

## TECHNICAL INFORMATION

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.

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