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# Preloaded Norland Optical Adhesive NOA 1639H Dispensing Barrel (3cc)

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

Stock #17-403 [CONTACT US](#)

⊖ 1 ⊕ A\$44<sup>00</sup>

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Volume Pricing	
Qty 1-4	A\$44.00 each
Qty 5-11	A\$39.68 each
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## Product Downloads

General	
0.1	Size (oz):
1639H	Norland Number:
4 months	Shelf Life:
Barrel	Type:

Bonding glass to glass **Typical Applications:**

**Note:**  
Contains 2g of adhesive. **This adhesive should be refrigerated between 5 - 10°C when stored to maintain its optical properties.**

## Optical Properties

1.639 **Index of Refraction ( $n_d$ ):**  
315 - 395 **Absorption Range (nm):**

## Material Properties

Excellent **Glass Bonding:**

Excellent **Metal Bonding:**

Excellent **Plastic Bonding:**

240 **Viscosity (cps):**

Glass to Glass **Bonding Type:**

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

## Environmental & Durability Factors

Soft & Flexible **Durability:**

## Regulatory Compliance

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

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

[Compliant](#) **Reach 253:**

## 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

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.

