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# Preloaded Norland Optical Adhesive NOA 1422 Dispensing Barrel (3cc)

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

Stock #17-399 **2 In Stock**

⊖ 1 ⊕ \$72<sup>10</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | \$72.10 each                  |
| Qty 5-11       | \$64.96 each                  |
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## Product Downloads

| General  |                 |
|----------|-----------------|
| 0.1      | Size (oz):      |
| 1422     | Norland Number: |
| 4 months | Shelf Life:     |
| Barrel   | Type:           |

Bonding glass to glass **Typical Applications:**

Contains 2g of adhesive **Note:**

## Optical Properties

1.422 **Index of Refraction ( $n_d$ ):**

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

## Material Properties

Excellent **Glass Bonding:**

Good **Metal Bonding:**

Good **Plastic Bonding:**

1100 **Viscosity (cps):**

Glass to Glass **Bonding Type:**

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

## Environmental & Durability Factors

Soft **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.  |