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

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3cc Dispensing Barrel for NOA (NOA 60 shown as an example)

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

- 1 +

**A\$44<sup>.00</sup>**

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | <b>A\$44.00</b> each          |
| Qty 5-11       | <b>A\$39.68</b> 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 <sub>d</sub> ): |
|                    |                                        |
| 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/cm²): |
|                     |                               |

| Environmental & Durability Factors |             |
|------------------------------------|-------------|
| Soft & Flexible                    | Durability: |
|                                    |             |

| Regulatory Compliance |                             |
|-----------------------|-----------------------------|
| Compliant             | RoHS 2015:                  |
|                       |                             |
| View                  | Certificate of Conformance: |
|                       |                             |
| Compliant             | Reach 251:                  |
|                       |                             |

## 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 MIL-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.                                                      |