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# Preloaded Norland Optical Adhesive NOA 81 Dispensing Barrel (3cc)

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

Stock **#55-159** **5 In Stock**

-

1

+

 ₹2,430

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| Volume Pricing |                               |
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| Qty 1-4        | ₹2,430 each                   |
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| General  |                 |
|----------|-----------------|
| 0.1      | Size (oz):      |
| 81       | Norland Number: |
| 4 months | Shelf Life:     |
| Barrel   | Type:           |

|                                                                                                  |  |
|--------------------------------------------------------------------------------------------------|--|
| <b>Typical Applications:</b><br>Extra fast curing adhesive for tacking Spot bonding or centering |  |
| <b>Note:</b><br>Contains 2g of adhesive                                                          |  |
| Physical & Mechanical Properties                                                                 |  |
| Size (cc):<br>3.00                                                                               |  |
| Optical Properties                                                                               |  |
| Index of Refraction (n <sub>d</sub> ):<br>1.56 @ 589nm                                           |  |
| Absorption Range (nm):<br>320 - 380                                                              |  |
| Material Properties                                                                              |  |
| Glass Bonding:<br>Excellent                                                                      |  |
| Metal Bonding:<br>Excellent                                                                      |  |
| Plastic Bonding:<br>Fair                                                                         |  |
| Viscosity (cps):<br>300                                                                          |  |
| Bonding Type:<br>Glass to Glass/Metal                                                            |  |
| Energy for Full Cure (J/cm <sup>2</sup> ):<br>2                                                  |  |
| Environmental & Durability Factors                                                               |  |
| Durability:<br>Hard, Resilient                                                                   |  |
| Regulatory Compliance                                                                            |  |
| RoHS 2015:<br>Compliant                                                                          |  |
| Certificate of Conformance:<br>View                                                              |  |
| Reach 251:<br>Compliant                                                                          |  |
| Country of Origin:<br>United States                                                              |  |
| Imported By:<br>Edmund Optics India Private Limited                                              |  |

## 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.                                                      |