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# Preloaded Norland Optical Adhesive NOA 86TH Dispensing Barrel (10cc)

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10cc Dispensing Barrel for NOA (NOA60 shown as an example)

Stock **#17-370** [CONTACT US](#)

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1

+

A\$63<sup>.20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | A\$63.20 each                 |
| Qty 5-11       | A\$56.96 each                 |
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Product Downloads

| General  |                 |
|----------|-----------------|
| 0.34     | Size (oz):      |
| 86TH     | Norland Number: |
| 4 months | Shelf Life:     |
| Barrel   | Type:           |

|                                                                                                                                                                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Typical Applications:</b><br>Applications requiring adheisve meeting Bellcore specification of 85C/85RH for bonding glass for 2000 hours                                                                |  |
| <b>Note:</b><br>Heat curing (-H suffix) adhesives are oxygen inhibited. If used on the surface of a substrate, the adhesive will need to be cured under an inert atmosphere (like nitrogen) to fully cure. |  |

Optical Properties

|           |                                             |
|-----------|---------------------------------------------|
| 1.54      | <b>Index of Refraction (n<sub>d</sub>):</b> |
| 315 - 420 | <b>Absorption Range (nm):</b>               |

Material Properties

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Excellent              | <b>Glass Bonding:</b>                           |
| Good                   | <b>Metal Bonding:</b>                           |
| Excellent/Good         | <b>Plastic Bonding:</b>                         |
| 20000 - 25000          | <b>Viscosity (cps):</b>                         |
| Glass to Glass/Plastic | <b>Bonding Type:</b>                            |
| 2.5                    | <b>Energy for Full Cure (J/cm<sup>2</sup>):</b> |

Environmental & Durability Factors

|      |                    |
|------|--------------------|
| Hard | <b>Durability:</b> |
|------|--------------------|

Regulatory Compliance

|                           |                                    |
|---------------------------|------------------------------------|
| <a href="#">Compliant</a> | <b>RoHS 2015:</b>                  |
| <a href="#">View</a>      | <b>Certificate of Conformance:</b> |
| <a href="#">Compliant</a> | <b>Reach 251:</b>                  |

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.                                                      |

