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# Preloaded Norland Optical Adhesive NOA 1665 Dispensing Barrel (3cc)

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



Stock **#12-861** 1 In Stock

-

1

+

£22<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-11       | £22.00 each                   |
| Qty 12-19      | £19.84 each                   |
| Need More?     | <a href="#">Request Quote</a> |

**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

| General |                 |
|---------|-----------------|
| 0.1     | Size (oz):      |
| 1665    | Norland Number: |
|         | Shelf Life:     |

|                                                                                                |       |
|------------------------------------------------------------------------------------------------|-------|
| 4 months                                                                                       |       |
| Barrel                                                                                         | Type: |
| Typical Applications:<br>High refractive index adhesive for bonding glass, plastics and metal. |       |
| Contains 2g of adhesive                                                                        | Note: |

Optical Properties

|               |                                        |
|---------------|----------------------------------------|
| 1.665 @ 589nm | Index of Refraction (n <sub>d</sub> ): |
| 315 - 450     | Absorption Range (nm):                 |

Material Properties

|                |                                            |
|----------------|--------------------------------------------|
| Excellent      | Glass Bonding:                             |
| Good           | Metal Bonding:                             |
| Excellent      | Plastic Bonding:                           |
| 800 - 1000     | Viscosity (cps):                           |
| Glass to Glass | Bonding Type:                              |
| 6              | Energy for Full Cure (J/cm <sup>2</sup> ): |

Environmental & Durability Factors

|          |             |
|----------|-------------|
| 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                                                                                                                       |
| Applying Adhesive                                 | Covers best practices to use when applying Norland Optical Adhesives to ensure an even adhesive layer while avoiding air bubbles. |
| Chemical Resistance of NOA                        | Covers the effects of various chemicals on Norland Optical Adhesives including acids, bases, and solvents.                        |
| Preventing Lens Separations with NOA              | Covers best practices to avoid adhesive failures when bonding optical elements.                                                   |
| Separating Lenses Bonded with NOA                 | Covers how to unbond optical elements bonded with Norland Optical Adhesives.                                                      |

