

# Preloaded Norland Optical Adhesive UVS 91 Dispensing Barrel (3cc)

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

Stock **#17-406** **3 In Stock**

-

1

+

£22<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | £22.00 each                   |
| Qty 5-11       | £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):      |
| UVS 91   | Norland Number: |
| 4 months | Shelf Life:     |
|          | Type:           |

|                                                                                                                   |                                                     |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Barrel                                                                                                            |                                                     |
| <div><div>Typical Applications:</div><div>Screenable paste for bonding and sealing perimeters of LCDs</div></div> |                                                     |
| Contains 2g of adhesive                                                                                           | <div>Note:</div>                                    |
| Optical Properties                                                                                                |                                                     |
| N/A                                                                                                               | <div>Index of Refraction (n<sub>d</sub>):</div>     |
| 320 - 380                                                                                                         | <div>Absorption Range (nm):</div>                   |
| Material Properties                                                                                               |                                                     |
| Excellent                                                                                                         | <div>Glass Bonding:</div>                           |
| Good                                                                                                              | <div>Metal Bonding:</div>                           |
| Excellent/Good                                                                                                    | <div>Plastic Bonding:</div>                         |
| Thixotropic                                                                                                       | <div>Viscosity (cps):</div>                         |
| Liquid Crystal Displays                                                                                           | <div>Bonding Type:</div>                            |
| 4.5                                                                                                               | <div>Energy for Full Cure (J/cm<sup>2</sup>):</div> |
| Environmental & Durability Factors                                                                                |                                                     |
| Soft & Flexible                                                                                                   | <div>Durability:</div>                              |
| Regulatory Compliance                                                                                             |                                                     |
| <div>Compliant</div>                                                                                              | <div>RoHS 2015:</div>                               |
| <div>View</div>                                                                                                   | <div>Certificate of Conformance:</div>              |
| <div>Compliant</div>                                                                                              | <div>Reach 251:</div>                               |

## 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.                                                      |

