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# Preloaded Norland Optical Adhesive NOA 1422 Dispensing Barrel (3cc)

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

Stock **#17-399** **2 In Stock**

-

1

+

€51<sup>,50</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | €51,50 each                   |
| Qty 5-11       | €46,40 each                   |
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**i** Prices shown are exclusive of VAT/local taxes

Product Downloads

| General  |                 |
|----------|-----------------|
| 0.1      | Size (oz):      |
| 1422     | Norland Number: |
| 4 months | Shelf Life:     |
|          | Type:           |

|                                    |                                        |
|------------------------------------|----------------------------------------|
| Barrel                             |                                        |
| Bonding glass to glass             | Typical Applications:                  |
| Contains 2g of adhesive            | Note:                                  |
| Optical Properties                 |                                        |
| 1.422                              | Index of Refraction (n <sub>d</sub> ): |
| 315 - 395                          | Absorption Range (nm):                 |
| Material Properties                |                                        |
| Excellent                          | Glass Bonding:                         |
| Good                               | Metal Bonding:                         |
| Good                               | Plastic Bonding:                       |
| 1100                               | Viscosity (cps):                       |
| Glass to Glass                     | Bonding Type:                          |
| 3                                  | Energy for Full Cure (J/cm²):          |
| Environmental & Durability Factors |                                        |
| Soft                               | 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.                                                      |