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

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

Stock **#14-796** **1 In Stock**

⊖ 1 ⊕ €39⁵⁰

ADD TO CART

| Volume Pricing | |
|----------------|-------------------------------|
| Qty 1-11 | €39,50 each |
| Qty 12-19 | €35,60 each |
| Need More? | Request Quote |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

0.34 **Size (oz):**

86TLH **Norland Number:**

4 months **Shelf Life:**

Type:

Typical Applications:

Higher viscosity optical adhesive meets Bellcore specification of 85C/85RH for bonding glass. Cured with UV, visible light and/or heat.

Note:

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

| | |
|--------------|--|
| 1.55 @ 589nm | Index of Refraction (n_d): |
| 314 - 420 | Absorption Range (nm): |

Material Properties

| | |
|----------------------|---|
| Excellent | Glass Bonding: |
| Excellent | Metal Bonding: |
| Excellent/Good | Plastic Bonding: |
| 8000 - 10,000 | Viscosity (cps): |
| Glass to Glass/Metal | Bonding Type: |
| 2.5 | Energy for Full Cure (J/cm²): |

Environmental & Durability Factors

| | |
|----------------|--------------------|
| Hard & Brittle | 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 ML-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. |

