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Preloaded Norland Optical Adhesive NOA 81 Dispensing Barrel (10cc)

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

Stock **#55-089** **4 In Stock**

⊖ 1 ⊕ C\$51⁰⁰

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| Volume Pricing | |
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| Qty 1-11 | C\$51.00 each |
| Qty 12-19 | C\$45.90 each |
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Product Downloads

General

| | |
|----------|-----------------|
| 0.34 | Size (oz): |
| 81 | Norland Number: |
| 4 months | Shelf Life: |
| Barrel | Type: |

Typical Applications:
Extra fast curing adhesive for tacking Spot bonding or centering

Note:
Contains 10g of adhesive

Physical & Mechanical Properties

10.00 **Size (cc):**

Optical Properties

1.56 @ 589nm **Index of Refraction (n_d):**

320 - 380 **Absorption Range (nm):**

Material Properties

Excellent **Glass Bonding:**

Excellent **Metal Bonding:**

Fair **Plastic Bonding:**

300 **Viscosity (cps):**

Glass to Glass/Metal **Bonding Type:**

2 **Energy for Full Cure (J/cm²):**

Environmental & Durability Factors

Hard, Resilient **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. |

