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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** [CONTACT US](#)

⊖ 1 ⊕ ₹2,993

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### Volume Pricing

Qty 1-4	₹2,993 each
Qty 5+	₹2,898 each
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#### 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/cm<sup>2</sup>):**

## Environmental & Durability Factors

Hard, Resilient **Durability:**

## Regulatory Compliance

**Compliant** **RoHS 2015:**

**View** **Certificate of Conformance:**

**Compliant** **Reach 251:**

United States **Country of Origin:**

Edmund Optics India Private Limited **Imported By:**

## 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.