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Preloaded Norland Optical Adhesive NOA 89H Dispensing Barrel (10cc)

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

Stock **#17-372** **1 In Stock**

⊖ 1 ⊕ S\$55^{.30}

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Volume Pricing

| | |
|------------|-------------------------------|
| Qty 1-4 | S\$55.30 each |
| Qty 5-11 | S\$49.84 each |
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Product Downloads

General

0.34 **Size (oz):**

89H **Norland Number:**

4 months **Shelf Life:**

Barrel **Type:**

Bonding glass to glass **Typical Applications:**

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

1.51 **Index of Refraction (n_d):**

310 - 395 **Absorption Range (nm):**

Material Properties

Excellent **Glass Bonding:**

Good **Metal Bonding:**

Fair **Plastic Bonding:**

15 - 20 **Viscosity (cps):**

Glass to Glass **Bonding Type:**

3.5 **Energy for Full Cure (J/cm^2):**

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 |
| 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. |

