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Preloaded Norland Optical Adhesive NBA 108H Dispensing Barrel (3cc)

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

Stock #17-405 **1 In Stock**

⊖ 1 ⊕ €27⁵⁰

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| Volume Pricing | |
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| Qty 1-4 | €27,50 each |
| Qty 5-11 | €24,80 each |
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General

0.1 **Size (oz):**

108H **Norland Number:**

4 months **Shelf Life:**

Type:

Barrel

Typical Applications:

Temporary bonding of lenses to metal polishing mounts

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

Index of Refraction (n_d):

1.51

Absorption Range (nm):

350 - 380

Material Properties

Glass Bonding:

Excellent

Metal Bonding:

Excellent

Plastic Bonding:

Fair

Viscosity (cps):

550

Bonding Type:

Glass to Metal

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

6

Environmental & Durability Factors

Durability:

Hard & Resilient

Regulatory Compliance

RoHS 2015:

[Compliant](#)

Certificate of Conformance:

[View](#)

Reach 251:

[Compliant](#)

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. |

