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Preloaded Norland Optical Adhesive NOA 165H Dispensing Barrel (3cc)

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

Stock **#17-404** **1 In Stock**

- 1 +

₹2,430

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Volume Pricing	
Qty 1-4	**₹2,430** each
Qty 5+	**₹2,331** each
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General

Size (oz):
0.1

Norland Number:
165H

Shelf Life:
4 months

Type:
Barrel

Typical Applications:

Bonding glass to glass

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):

1.65

Absorption Range (nm):

315 - 450

Material Properties

Glass Bonding:

Excellent

Metal Bonding:

Excellent

Plastic Bonding:

Excellent

Viscosity (cps):

200 - 300

Bonding Type:

Glass to Glass

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

6

Environmental & Durability Factors

Durability:

Soft & Flexible

Regulatory Compliance

RoHS 2015:

Compliant

Certificate of Conformance:

View

Reach 251:

Compliant

Country of Origin:

United States

Imported By:

Edmund Optics India Private Limited

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.

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