



Barrel

**Typical Applications:**

High viscosity adhesive for plastics: acrylic polycarbonate and CAB.

**Note:**

Contains 2g of adhesive

### Physical & Mechanical Properties

**Size (cc):**

3.00

### Optical Properties

**Index of Refraction (n<sub>d</sub>):**

1.54 @ 589nm

**Absorption Range (nm):**

350 - 380

### Material Properties

**Glass Bonding:**

Excellent

**Metal Bonding:**

Good

**Plastic Bonding:**

Excellent/Good

**Viscosity (cps):**

5000

**Bonding Type:**

Plastic to Plastic/Glass

**Energy for Full Cure (J/cm<sup>2</sup>):**

4.5

### Environmental & Durability Factors

**Durability:**

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  
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## 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 ML-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.