

[See all 78 Products in Family](#)

# Preloaded Norland Optical Adhesive NOA 86H Dispensing Barrel (10cc)

See More by [Norland](#)



10cc Dispensing Barrel for NOA

Stock #12-847 [CONTACT US](#)

⊖ 1 ⊕ €34.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-11	€34,00 each
Qty 12-19	€30,60 each
Need More?	<a href="#">Request Quote</a>

**!** Prices shown are exclusive of VAT/local taxes

Product Downloads

**General**

0.34	Size (oz):
86H	Norland Number:
4 months	Shelf Life:
	Type:

**Typical Applications:**  
 Meets Bellcore specification of 85C/85RH for bonding glass. USP Class IV approved for medical applications. Cured with UV, visible light and/or heat.

**Note:**  
 Contains 10g of adhesive. **This adhesive should be refrigerated between 5 - 10°C when stored to maintain its optical properties.**

### Optical Properties

**Index of Refraction (n<sub>d</sub>):**  
 1.55 @ 589nm

**Absorption Range (nm):**  
 315 - 420

### Material Properties

**Glass Bonding:**  
 Excellent

**Metal Bonding:**  
 Good

**Plastic Bonding:**  
 Excellent/Good

**Viscosity (cps):**  
 250 - 350

**Bonding Type:**  
 Glass to Glass/Plastic

**Energy for Full Cure (J/cm<sup>2</sup>):**  
 2.5

### Environmental & Durability Factors

**Durability:**  
 Hard

### Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

**Reach 253:**  
[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
<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.

