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# Preloaded Norland Optical Adhesive NOA 86TLH Dispensing Barrel (3cc)

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

 Stock #14-795 [CONTACT US](#)

- 1 + MRP ₹2,921

Price inclusive of all taxes

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Volume Pricing	
Qty 1-11	₹2,921 each
Qty 12-19	₹2,634 each
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Product Downloads

- Safety Data Sheet
- EO Spec Sheet [Download All](#)

## General

<b>Size (oz):</b> 0.1	<b>Norland Number:</b> 86TLH
<b>Shelf Life:</b> 4 months	<b>Type:</b> Barrel
<b>Typical Applications:</b> Higher viscosity optical adhesive meets Bellcore specification of 85C/85RH for bonding glass. Cured with UV, visible light and/or heat.	<b>Note:</b> 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

<b>Index of Refraction (n<sub>d</sub>):</b> 1.55 @ 589nm	<b>Absorption Range (nm):</b> 314 - 420
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## Material Properties

<b>Glass Bonding:</b> Excellent	<b>Metal Bonding:</b> Excellent
<b>Plastic Bonding:</b> Excellent/Good	<b>Viscosity (cps):</b> 8000 - 10,000
<b>Bonding Type:</b> Glass to Glass/Metal	<b>Energy for Full Cure (J/cm<sup>2</sup>):</b> 2.5

## Environmental & Durability Factors

<b>Durability:</b> Hard & Brittle
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## Regulatory Compliance

<b>RoHS 2015:</b> <a href="#">Compliant</a>	<b>Certificate of Conformance:</b> <a href="#">View</a>
<b>Reach 253:</b> <a href="#">Compliant</a>	
<b>Country of Origin:</b> United States	<b>Imported By:</b> Edmund Optics India Private Limited 267, Greystone Building, Second Floor, 6th Cross Rd, Binnamangala, Stage 1, Indiranagar, Bengaluru, Karnataka, India 560038 Phone: +91-80-6845 0000

## 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

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.

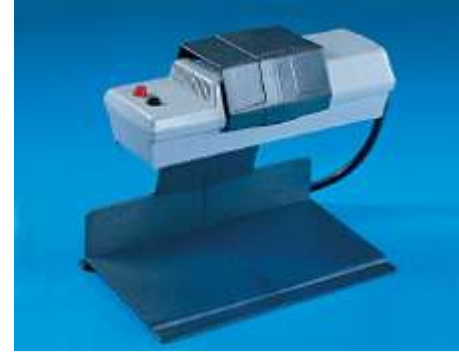
## Related Products



Dispenser Barrels and Accessories



Dispensing Guns and Hand Plungers



Handheld UV Curing Lamps

### Frequently Purchased Together



#55-044 - HandPlunger (3cc Barrel), Dispenser Units ₹3,957

Qty



#55-063 - 20 Gauge (50 Count), UV Blocking Tapered Tips ₹6,531

Qty



#55-068 - 1/2" Stainless Steel Tips, 18 Gauge (50 Count) ₹3,957

Qty



#54-604 - 4.4" x 8.4" Box (280 Sheets), Kimberly-Clark Wipes ₹1,142

Qty