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

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3cc Dispensing Barrel for NOA

Stock **#12-846** [CONTACT US](#)

⊖ 1 ⊕ £22.<sup>00</sup>

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### Volume Pricing

Qty 1-11	£22.00 each
Qty 12-19	£19.84 each
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**i** Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

0.1 **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 2g of adhesive. **This adhesive should be refrigerated between 5 - 10°C when stored to maintain its optical properties.**

**Optical Properties**

1.55 @ 589nm **Index of Refraction ( $n_d$ ):**

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

**Material Properties**

Excellent **Glass Bonding:**

Good **Metal Bonding:**

Excellent/Good **Plastic Bonding:**

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

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

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

**Environmental & Durability Factors**

Hard **Durability:**

**Regulatory Compliance**

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

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

[Compliant](#) **Reach 251:**

**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.

