

Preloaded Norland Optical Adhesive NOA 146H Dispensing Barrel (3cc)

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3cc Dispensing Barrel for NOA (NOA60 shown as an example)

Stock **#12-864** 1 In Stock

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1

+

S\$39^{.15}

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Volume Pricing	
Qty 1-4	S\$39.15 each
Qty 5+	S\$37.55 each
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SPECIFICATIONS

General

0.1	Size (oz):
146H	Norland Number:

4 months	Shelf Life:
Barrel	Type:
Typical Applications: Low viscosity adhesive for bonding glass or plastic. Cured with UV light and/or heat.	
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	
1.46 @589nm	Index of Refraction (n _d):
320 - 395	Absorption Range (nm):
Material Properties	
Excellent	Glass Bonding:
Good	Metal Bonding:
Fair	Plastic Bonding:
175	Viscosity (cps):
Plastic to Plastic/Glass	Bonding Type:
4.5	Energy for Full Cure (J/cm²):
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
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.
