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Preloaded Norland Optical Adhesive NOA 63 Dispensing Barrel (10cc)

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10cc Dispensing Barrel for NOA (NOA60 shown as an example)

Stock **#55-086** **2 In Stock**

-

1

+

€34^{.00}

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Volume Pricing	
Qty 1-11	€34,00 each
Qty 12-19	€30,60 each
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i Prices shown are exclusive of VAT/local taxes

Product Downloads

General	
0.34	Size (oz):
63	Norland Number:
6 months	Shelf Life:
	Type:

Barrel	
Typical Applications: High viscosity adhesive useful for bonding U.V. opaque components by curing a bead or drop along edg	
	Note:
Contains 10g of adhesive	

Physical & Mechanical Properties

	Size (cc):
10.00	

Optical Properties

	Index of Refraction (n_d):
1.56 @ 589nm	
	Absorption Range (nm):
350 - 380	

Material Properties

	Glass Bonding:
Good	
	Metal Bonding:
Good	
	Plastic Bonding:
Fair	
	Viscosity (cps):
2500	
	Bonding Type:
Glass to Glass	
	Energy for Full Cure (J/cm²):
4.5	

Environmental & Durability Factors

	Durability:
Hard, Resilient	

Regulatory Compliance

	RoHS 2015:
Compliant	
	Certificate of Conformance:
View	
	Reach 251:
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
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.