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## Norland Optical Adhesive NOA 148, 1 oz. Application Bottle

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Norland Optical Adhesive NOA 148, 1 oz. Application Bottle

Stock **#17-359** [CONTACT US](#)

- 1 + MRP ₹9,611

**1** Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-4	₹9,611 each
Qty 5-11	₹8,655 each
Qty 12+	₹8,231 each
Need More?	<a href="#">Request Quote</a>

### Product Downloads

General	
1	Size (oz):
148	Norland Number:
4 months	Shelf Life:

Bottle	Type:
Bonding glass to glass	Typical Applications:
UV	Cure:
<b>Optical Properties</b>	
1.48 @ 589nm	Index of Refraction ( $n_d$ ):
315 - 395	Absorption Range (nm):
<b>Material Properties</b>	
Excellent	Glass Bonding:
Good	Metal Bonding:
Fair	Plastic Bonding:
300	Viscosity (cps):
Glass to Glass	Bonding Type:
6	Energy for Full Cure (J/cm <sup>2</sup> ):
<b>Environmental &amp; Durability Factors</b>	
Soft	Durability:
<b>Regulatory Compliance</b>	
<a href="#">Compliant</a>	RoHS 2015:
<a href="#">View</a>	Certificate of Conformance:
<a href="#">Compliant</a>	Reach 251:
United States	Country of Origin:
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	Imported By:

## Product Details

- Excellent Optical Qualities
- Adhesives for Glass, Metal, and Plastic Bonding
- Cure Quickly when Exposed to UV Light
- [Preloaded Norland Optical Adhesive Syringes](#) Also Available

Norland Optical Adhesives are clear, solvent-free optical adhesives designed to fully cure in only minutes when exposed to ultraviolet light. These adhesives are used in precision alignment or positioning applications that require a robust and resilient bond. Norland Optical Adhesives feature a variety of bonding types, including but not limited to glass to glass, glass to glass/metal, and plastic to plastic/glass. To use Norland Optical Adhesives, apply the adhesive to the optical surface, position the components, and use a [UV light source](#) to set the components in place. Since the adhesive will not cure until exposed to UV light, time can be taken during the positioning process to perfect product alignment.

## 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.