

# Norland Optical Adhesive NOA 63, 1 lb. Bottle

See More by [Norland](#)



Norland Optical Adhesive NOA63, 1 lb. Bottle

Stock **#16-778** **5 In Stock**

-

1

+

£259<sup>20</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | £259.20 each                  |
| Qty 5-11       | £233.28 each                  |
| Qty 12+        | £221.68 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

| General |                 |
|---------|-----------------|
| 16      | Size (oz):      |
| 63      | Norland Number: |

|          |             |
|----------|-------------|
| 4 months | Shelf Life: |
|----------|-------------|

|                                                                                                                                                                                  |                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Bottle                                                                                                                                                                           | Type:                                      |
| <div>Typical Applications:</div> <div>High viscosity adhesive useful for bonding U.V. opaque components by curing a bead or drop along edge. Cures well in thick sections.</div> |                                            |
| Optical Properties                                                                                                                                                               |                                            |
| 1.56 @ 589nm                                                                                                                                                                     | Index of Refraction (n <sub>d</sub> ):     |
| 350 - 380                                                                                                                                                                        | Absorption Range (nm):                     |
| Material Properties                                                                                                                                                              |                                            |
| Good                                                                                                                                                                             | Glass Bonding:                             |
| Good                                                                                                                                                                             | Metal Bonding:                             |
| Fair                                                                                                                                                                             | Plastic Bonding:                           |
| 2500                                                                                                                                                                             | Viscosity (cps):                           |
| Glass to Glass                                                                                                                                                                   | Bonding Type:                              |
| 4.5                                                                                                                                                                              | Energy for Full Cure (J/cm <sup>2</sup> ): |
| Environmental & Durability Factors                                                                                                                                               |                                            |
| Hard, Resilient                                                                                                                                                                  | Durability:                                |
| Regulatory Compliance                                                                                                                                                            |                                            |
| Compliant                                                                                                                                                                        | RoHS 2015:                                 |
| View                                                                                                                                                                             | Certificate of Conformance:                |
| Compliant                                                                                                                                                                        | Reach 251:                                 |

## 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.                                                      |

