

# Norland Optical Adhesive NOA 68, 1 lb. Bottle

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Norland Optical Adhesive NOA68, 1 lb. Bottle

Stock **#16-780** **2 In Stock**

-

1

+

€324<sup>.00</sup>

ADD TO CART

| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1-4        | €324,00 each                  |
| Qty 5-11       | €291,60 each                  |
| Qty 12+        | €277,10 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

| General  |                 |
|----------|-----------------|
| 16       | Size (oz):      |
| 68       | Norland Number: |
| 4 months | Shelf Life:     |

|                                                                                                                  |                                        |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Bottle                                                                                                           | Type:                                  |
| <div>Typical Applications:</div> <div>High viscosity adhesive for plastics: acrylic polycarbonate and CAB.</div> |                                        |
| Optical Properties                                                                                               |                                        |
| 1.54 @ 589nm                                                                                                     | Index of Refraction (n <sub>d</sub> ): |
| 350 - 380                                                                                                        | Absorption Range (nm):                 |
| Material Properties                                                                                              |                                        |
| Excellent                                                                                                        | Glass Bonding:                         |
| Good                                                                                                             | Metal Bonding:                         |
| Excellent/Good                                                                                                   | Plastic Bonding:                       |
| 5000                                                                                                             | Viscosity (cps):                       |
| Plastic to Plastic/Glass                                                                                         | Bonding Type:                          |
| 4.5                                                                                                              | Energy for Full Cure (J/cm²):          |
| Environmental & Durability Factors                                                                               |                                        |
| Flexible                                                                                                         | 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.                                                      |