

# Norland Optical Adhesive NOA 1622H, 1 oz. Application Bottle

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1

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₹10,620

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## SPECIFICATIONS

### General

Size (oz):

1

|                                                                                                       |                                        |
|-------------------------------------------------------------------------------------------------------|----------------------------------------|
| 1622H                                                                                                 | Norland Number:                        |
| 4 months                                                                                              | Shelf Life:                            |
| Bottle                                                                                                | Type:                                  |
| Bonding glass to glass                                                                                | Typical Applications:                  |
| This adhesive should be refrigerated between 5 - 10°C when stored to maintain its optical properties. | Note:                                  |
|                                                                                                       |                                        |
| Optical Properties                                                                                    |                                        |
| 1.622 @ 589nm                                                                                         | Index of Refraction (n <sub>d</sub> ): |
| 315 - 395                                                                                             | Absorption Range (nm):                 |
| Material Properties                                                                                   |                                        |
| Excellent                                                                                             | Glass Bonding:                         |
| Excellent                                                                                             | Metal Bonding:                         |
| Excellent                                                                                             | Plastic Bonding:                       |
| 220                                                                                                   | Viscosity (cps):                       |
| Glass to Glass                                                                                        | Bonding Type:                          |
| 6                                                                                                     | Energy for Full Cure (J/cm²):          |
| Environmental & Durability Factors                                                                    |                                        |
| Soft & Flexible                                                                                       | Durability:                            |
| Regulatory Compliance                                                                                 |                                        |
| Compliant                                                                                             | RoHS 2015:                             |
| View                                                                                                  | Certificate of Conformance:            |
| Compliant                                                                                             | Reach 242:                             |

## 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

| 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.                                                      |