



Manufacturer:
ÅngströmBond

Product Name:
ÅngströmBond AB202 Fast Cure Adhesive

Manufacturer Part Number:
AB202-20ML

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ADHESIVES

ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

ÅNAEBOND™ #202/PRIMER #2
SUPERIOR FAST CURE ADHESIVE FOR FIBER OPTIC BONDING

Description:

ÅNAEBOND™ #202 is a superior fast cure adhesive designed for high strength terminations of fiber optic connectors. This black, low viscosity adhesive exhibits resistance to high temperatures, humidity and damp environments. Fully cured material produces a very high glass transition temperature, which reduces pistoning in adverse environmental conditions.

ÅNAEBOND™ #202 cures with Primer #2 in two to three minutes thus allowing enough time to terminate connectors without the "instant cure" which can occur with most Anaerobic or Cyanoacrylate adhesives. The low viscosity and black color allow for easy handling and polishing.

Typical Properties:

UNCURED:

	Ånaebond™ #202	Primer #2
Chemical Type:	Ethyl Cyanoacrylate	Organic Amine IPA
Appearance:	Black	Clear to Amber
Specific Gravity, g/cc:	1.06	0.8

CURED (after one week @ 25°C):

Glass Transition, °C:	130
Degradation Temperature, °C:	165
Lap Shear Strength, psi (Al/Al):	2300
Coefficient of Expansion, °C	80 x 10 ⁻⁶
Service Temperature, °C	-40 to 150

Handling Properties:

Viscosity @25°C, cps:	
AnaeBond #202	180
Primer#2	1

Cure Time:

After exposure to Primer #2	2-3 minutes
Not exposed to Primer#2	7days

Directions for Use:

1. Shake adhesive bottle before use.
2. Inject adhesive into back of connector until adhesive comes through the ferrule. Then apply a small amount of adhesive in the back of the connector behind the ferrule. Do not fill the back of the connector with the adhesive.
3. Clean stripped fiber with alcohol wipe and dip into primer.
4. Insert fiber into connector within 45 seconds of priming. Use one continuous motion while inserting.
5. Allow two to three minutes for adhesive to cure. Full cure will develop over one week.

Storage:

Product should be stored in a cool, dry location in unopened containers. To prevent contamination, unused material should not be returned to the original package. **Adhesive must be sealed tightly after every use.** Please refer to MSDS for further information on storage and safety.

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Contact the professionals at Fiber Optic Center for a quote or to get more details.

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Product specifications and data are subject to change without notice.