



## Customized Adhesive Solution

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# NGAC P907-12-1

# Technical Bulletin

## High Temperature Fiber Optic Adhesive and Potting Material

### Description:

NGAC P907-12-1 is a rapid curing, low viscosity, heat cured epoxy adhesive system that is specifically formulated for use in the fiber optic industry.

### Advantages and Applications:

Uses include bonding fiber optic bundles, potting glass fiber bundles and termination of single mode and multimode fiber optic connectors. NGAC P907-12-1 is a low viscosity mixture that ensures exceptional wicking and wetting of the fibers, along with superior adhesion strength. Additionally, it provides excellent thermal and moisture resistance.

### Cure Schedule:

Temperature	100°C	<b>OR</b>	125°C	<b>OR</b>	150°C
Time	15 min		5 min		1 min

### Properties:

	Typical Value
Color, Resin	Amber
Color, Hardener	Amber
Color, Mixed	Dark Amber/Brown
Specific Gravity	1.20
Viscosity	2,000 cps
Refractive Index	1.56
Mix Ratio by Weight, (R/H)	100/10
Hardness, Shore D	>85
Operating Temperature:	-60 to +175°C
Percent Solids	100%
Glass Transition (T <sub>g</sub> ), Ultimate	115°C
Working Life	4h

For additional information or assistance, please call  
**978-436-9600**

All values reported above are typical values and are for reference use only. These values are not intended for use in developing specifications. Application testing under specific conditions should be performed to determine actual results and fitness for use.