

Extended Use / Heat Cure Epoxy



ANGSTRÖMBond®

Two-Part Extended Use / Heat Cure Epoxy

Extended Use / Heat Cure Epoxies allow for long working times but can also have fast cure times when used with a heat source. Other benefits include resistance to high temperatures, and high bond strengths. The disadvantage to heat cure systems is that they can cause stress during the curing process and can cause fiber core cracking and pistoning in multimode connectors. **AB9320** addresses this problem with its unique formulation as a low stress, heat cure epoxy and delivers excellent performance in both multimode and single mode applications.

Single Mode and Multimode Terminations

| Part Number | Cured Color | Viscosity | Working Time | TG | Cure Schedules | |
|--------------|-------------|-----------|--------------|--------|----------------|---------|
| | | | | | 80°C | 100°C |
| AB9320-2.5G* | Blue | 900 cps | 1.5 hours | 124 °C | 30-120 m | 10-30 m |
| AB9328-2.5G | Blue | 2000 cps | 1.5 hours | 124 °C | 30-120 m | 10-30 m |

*NASA Approved

Single Mode Terminations

| Part Number | Cured Color | Viscosity | Working Time | TG | Cure Schedules | |
|-----------------|-------------|------------------|--------------|--------|----------------|-------|
| | | | | | 100°C | 150°C |
| AB9123-2.5G | Red | 2000 cps | 3 - 4 hours | 120 °C | 5 m | 1 m |
| AB9123BLUE-2.5G | Blue | 2000 cps | 3 - 4 hours | 120 °C | 5 m | 1 m |
| ET353ND-2G | Red | 2000 cps | 3 - 4 hours | 120 °C | 5 m | 1 m |
| ET353ND-4G | Red | 2000 cps | 3 - 4 hours | 120 °C | 5 m | 1 m |
| ET353NDBLK-2.5G | Black | 2000 cps | 3 - 4 hours | 120 °C | 5 m | 1 m |
| ET353NDT-2.5G | Dark Amber | 9000 - 15000 cps | 4 hours | 120 °C | 5-10 m | 1 m |
| AB9119-2.5G* | Red | 2000 cps | 2 hours | 105 °C | 5 m | 1 m |
| ET383ND-2.5G | Red/Amber | 4500 cps | 8 hours | 120 °C | 15 m | 5 m |

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Most materials can be supplied in easy to use 2-part packages, premixed and frozen syringes or cartridges, jars, vials, quarts, gallons or other specialty packaging as required. Please contact FOC for information.

Specifications may change without notice

EPOXY & ADHESIVES / B-3