

Epoxy System

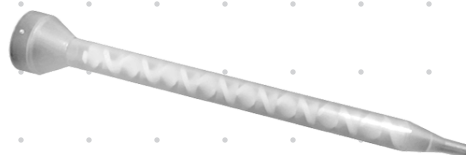
EPOXY ADHESIVE (EX-100)

The Epoxy Adhesive is a flexible, two-part, epoxy with high overlap shear strength. It was developed for aerospace applications and is specifically formulated to bond light-weight composites to metallic materials. It does not become crystalline, is resistant to chemicals, shocks and extreme temperatures. It is certified for industrial, aircraft and aerospace applications and meets ASTM E8 specification.



STATIC MIXER (EX-200)

The Static Mixers are high quality devices used to ensure optimum performance of two-component adhesives by dividing and recombining the materials into a homogeneous stream. Our disposable spiral static mixer is used in conjunction with our epoxy adhesive to ensure that the two parts are mixed thoroughly enough for the base and accelerator to fully react to ensure maximum adhesion.



DUAL COMPONENT APPLICATOR (EX-500)

The Dual Component Applicator is a robust, metallic applicator that allows for epoxy to be dispensed easily and reliably at a constant ratio. The applicator removes issues with human error and cleanliness and will allow for a consistent installation every time. It can be reused over and over again and will fit most two-part 6oz adhesive cartridges. We recommend purchasing enough for each person doing installations to have a dedicated applicator.



EPOXY SPECIFICATIONS

COMPOSITION	Two-part epoxy
MANUFACTURING SPECS	COX M75
MISCELLANEOUS	Ultimate strength: 2,730 psi Bonding cure time: 24 hrs Size: 6 oz. cartridge

STATIC MIXER SPECIFICATIONS

COMPOSITION	Robust, light-weight plastic
MANUFACTURING SPECS	Nordson 77008831
MISCELLANEOUS	Pressure limit: 360 psi Mix ratio: 1-to-1

APPLICATOR SPECIFICATIONS

COMPOSITION	Metal assembly
MANUFACTURING SPECS	COX M75
MISCELLANEOUS	Mech. advantage: 18-to-1 Capacity: 75 ml x 75 ml