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NPR-3203

Medium Viscosity PVC Adhesive

NPR-3203 is a medium viscosity chemical resistant two-part epoxy system originally designed to bond flexible PVC materials to rigid thermoset polymers. Prior to the release of NPR-3203, bonding flexible PVC could only be achieved through solvent bonding or other more complex adhesive systems. This simple to use, chemically distinct epoxy system has no solvents and bonds to many differing substrates. NPR-3203 is hydrophobic and yields excellent peel and shear strengths. It cures at ambient temperature. NPR-3203 may be utilized as an adhesive or as a primer. The primer application allows adhering a PVC liner to concrete using NPR-5300 series epoxies.

Typical Physical Properties

Property	Component A (Resin)	Component B (Hardener)
Color	Yellow	Amber
Odor	Slight	Slight Amine
Density (g/ml)	1.20 - 1.25	0.86 - 0.90
Viscosity 20 RPM @ 77°F (25°C), cPs	170,000	170,000
Flash Point (Closed Cup)	> 200°F (93°C)	> 200°F (93°C)

Mixture Properties

Mix Ratio (Resin/Hardener)	1 to 1 by Volume
Mixture Working Time	30 - 40 Minutes
Initial Cure Time	4 Hours
Complete Cure Time	24 Hours