

Epoxy Potting & Encapsulating Systems



High technology systems for the defense, aerospace, electronics, computer, automotive & related industries



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Product	Description
ROOM TEMPERATURE CURING SYSTEMS	
FR-1046	A filled, non-abrasive, low viscosity, low shrinkage, low exotherm system with excellent resistance to thermal shock and very good electrical insulation properties. Low cost.
FR-1047	Flame retardant (U.L. 94V-0), non-abrasive epoxy system. It has excellent resistance to thermal shock, low exotherm and good electrical properties typified by very good arc resistance.
RN-1200	An undiluted, low viscosity potting and encapsulating system with excellent impact and thermal shock resistance.
FR-1210	Filled version of RN-1200 with lower shrinkage, improved thermal properties and lower coefficient of expansion.
FR-1273	Low cost, low exotherm potting & casting system - convenient mix ratio.
FR-1274	Low cost, low viscosity, low exotherm potting & casting system - convenient mix ratio.
FR-1401 Black	1 to 1 mix ratio, filled, low viscosity, flame retardant (UL94V-O), low shrinkage, low exotherm, with a 30 minute work life.
FR-1402 Black	1 to 1 mix ratio, filled, low viscosity, flame retardant (UL94V-O), low shrinkage, low exotherm, with a 60 minute work life.
FR-1403 Black	1 to 1 mix ratio, filled, low viscosity, flame retardant (UL94V-O), low shrinkage, low exotherm, with a 60 minute work life.
FR-1404 Black	1 to 1 mix ratio, filled, low viscosity, flame retardant (UL94V-O), low shrinkage, low exotherm, with a 120 minute work life.
FR-1405 Black	1 to 1 mix ratio, filled, low viscosity, flame retardant (UL94V-O), low shrinkage, low exotherm, with a 3-4 hour work life.
FR-1406 Black	Economical, 1 to 1 mix ratio, filled, low viscosity, flame retardant (UL94V-O), low shrinkage, low exotherm, with a 90 minute work life.
ELEVATED TEMPERATURE CURING SYSTEMS	
RN-1000	An unfilled, low viscosity system with high heat distortion properties.
FR-1046 Black	High heat distortion, filled, non-abrasive. low shrinkage, low exotherm system with excellent thermal shock resistance.
FR-1047 Black	Flame retardant (U.L. 94V-0), filled, non-abrasive casting system with excellent thermal shock resistance, low exotherm, very good arc resistance and high heat distortion properties.
FR-1050 Grey/Black	Two-component filled epoxy potting system designed for economical potting applications. It has a convenient 2 to 1 mix ratio and a low viscosity. FR-1050 possesses good electrical properties and very good hydrolytic stability.
FR-1080 Amber	CONAPOXY? FR-1080 is a two-part high temperature epoxy potting system designed to meet Class H (180 慢) operating requirements.
RN-1200	An undiluted, high heat distortion casting system with excellent electrical properties and chemical resistance.
FR-1210	Filled version of RN-1200 with lower shrinkage, improved thermal properties, and lower coefficient of expansion.
FR-1610/ EA-039	A filled, high performance flexible epoxy casting system. Little change in hardness after aging at 155 慢. Recommended for potting and encapsulating transformers, coils and similar electrical devices.