



ResinFormulators

INNOVATIVE MATTERS



HIGH-PERFORMANCE EPOXY SOLUTIONS FOR COMPOSITES MANUFACTURING

Designed to meet the most demanding structural, thermal, and environmental performance requirements.

Resin Formulators, engineered by the manufacturing division of GracoRoberts, is a trusted brand delivering high-performance epoxy and specialty materials that can be uniquely customized, tested, and certified on demand. From high-strength bonding to lightweight core fills and precision infusion resins, our portfolio empowers engineers and manufacturers to create next-generation aerospace systems, electric vehicles, and defense technologies.

Performance Characteristics

- » High Temperature
- » Electrically Conductive
- » Flame Retardant
- » Low Outgassing
- » Low Density

COMMITMENT TO QUALITY AND SERVICE

GracoRoberts and Resin Formulators are fully qualified to design, manufacture, and distribute products to a variety of industries. We are independently certified to three rigorous international quality standards: ISO 9001:2015, AS9100 (Rev. D) and AS9120 (Rev. B).

FEATURED PRODUCTS

Application	Product	Capabilities
Structural Adhesives & Bonding Solutions	RF 913 Mod 1	Versatile structural adhesive for bonding dissimilar materials including composites, metals, plastics, and wood
	RF 1120	Thixotropic two-part epoxy system with vertical hold and minimal runout; ideal for general-purpose structural bonding
	RF 2484 Mod 3	Ultra-fast cure time (10 minutes); ideal for rapid bonding cycles
	RF 5004	Fast green strength at room temperature; ideal for UAVs, drones, and high-throughput composite part production
	RF 6100	Medium-viscosity, high-temperature epoxy for metal and composite bonding; offers long pot life and fast heat cure
	RF 6110	Two-part, volume-dispensed structural adhesive with good peel strength and elevated temperature performance; delivers exceptional strength for aerospace, UAV, satellite, and EV applications
	RF 6115	Room temperature curing, heat-cure capable structural paste adhesive with elevated temperature performance and high peel strength
Core Fill & Syntactic Foam Systems	RF 1143	Low-density, fast-setting syntactic foam with excellent strength-to-weight ratio. Thixotropic for vertical applications; 40-minute working life
	RF 1163	High-temperature, castable thixotropic syntactic resin for demanding structural environments; engineered for high-load composite assemblies

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FEATURED PRODUCTS (CONTINUED)

Application	Product	Capabilities
Core Fill & Syntactic Foam Systems (Continued)	RF 1148FR	Flame-retardant edge fill for sealing sandwich structures in aerospace and transportation interiors
	RF 1141/RF 1133	Low-density syntactic core fills for weight-sensitive panels and inserts
	RF 1159FR	High-strength syntactic potting compound formulated to meet UL 94 V-0 and FAR 25.853 a/b flammability standards
	RF 1164	High-temperature syntactic foam with a Tg of 187°C; ideal for satellite structures and high-heat zones near propulsion systems
Infusion Resins & Curing Systems	RF 1366	Medium-viscosity Bisphenol A epoxy resin for general-purpose composite processing
	RF 2535	Flame-retardant epoxy system engineered for filament winding applications requiring exceptional mechanical properties, thermal stability, and fire resistance. Ideal for high-performance composites in demanding aerospace or industrial environments
	RF 5000	Standard-viscosity, unfilled epoxy for potting, casting, laminating, and filament winding; free from irritating modifiers
	RF 6002	Flowable, high-temperature epoxy resin with excellent adhesion to metals and plastics. High chemical and environmental resistance
	RF 6004 Mod 1	Multifunctional epoxy resin blend formulated for filament winding and laminating. Provides low viscosity, strong matrix integrity, and compatibility with various reinforcements, making it suitable for pressure vessels, tanks, and structural panels
	RF 6007	Low-viscosity, toughened epoxy resin designed for structural infusion applications. Offers elevated temperature performance and excellent fiber wet-out, making it suitable for large, load-bearing composite parts
	RF 2536	RF 2536 is a two-part toughened, flame-retardant epoxy infusion resin
	Curing Agents:	RF 9, RF 24, and other curing agents formulated for optimized pot life and tailored cure profiles across epoxy systems

SCAN TO SHOP:

