

Product	Description	Applications	Form	Matrix Color	Nominal Cure Temp, °F (°C)	Max. Dry Operating Temp, °F (°C)	Comments
AX-7800-610	Water-based Ceramic Matrix Composite (CMC) Prepreg, High-strength	Aircraft engine components, ducting, oil & gas tubing, advanced energy, motorsports	Woven prepreg	White on white	350°F (177°C) initial, 2000°F freestanding fire	1650°F (900°C)	Structural applications, solvent-free ceramic matrix
AX-7810-610	Solvent-based Ceramic Matrix Composite (CMC) Prepreg, High-strength	Aircraft engine components, ducting, oil & gas tubing, advanced energy, motorsports	Woven prepreg	White on white	350°F (177°C) initial, 2000°F freestanding fire	1650°F (900°C)	Structural applications
AX-7820-610	100% Aluminum Oxide Water-based Ceramic Matrix Composite (CMC) Prepreg, High-strength	Aircraft engine components, ducting, oil & gas tubing, advanced energy, motorsports	Woven prepreg	White on white	350°F (177°C) initial, 2000°F freestanding fire	1650°F (900°C)	Structural applications, solvent-free ceramic matrix
AX-7900-720	Solvent-based Ceramic Matrix Composite (CMC) Prepreg, Low Creep / High Temperature	Aircraft engine components, ducting, oil & gas tubing, advanced energy, motorsports	Woven prepreg	White on white	350°F (177°C) initial, 2000°F freestanding fire	2000°F (1090°C)	Low creep & higher temperature applications
AX-7900-312	Solvent-based Ceramic Matrix Composite (CMC) Prepreg	Thermal/fire barriers, exhaust components, refractory, furnace hardware, insulation	Woven prepreg	White on white	350°F (177°C) initial, 1500°F freestanding fire	1600°F (870°C)	Insulate or to act as a flame barrier

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PRODUCT SUPPORT

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Product	Description	Applications	Form	Color	Nominal Cure Temp, °F (°C)	Max. Dry Operating Temp, °F (°C)	Comments
AX-3100	Toughened Low Dielectric Epoxy Fiberglass Prepreg	High transmission applications, radomes	Woven Prepreg, solution coated	Off-white on white	250°F (121°C)	200°F (93°C)	Meets FAR 25.853.
AX-3110	Toughened, Flame Retardant Epoxy Fiberglass Prepreg	Flame retardant laminates, honeycomb and foam panels	Woven Prepreg (1 or 2-side coated)	Off-white on white	250°F (121°C)	180°F (82°C)	Meets FAR 25.853.
AX-3112T	High Toughness Flame Retardant Epoxy Fiberglass Prepreg	High toughness, flame retardant laminates, ducting, honeycomb panels, and foam panels	Woven Prepreg, solution coated	Off-white on white	250°F (121°C)	200°F (93°C)	Meets FAR 25.853. High Temp (HT) grade available.
AX-3170	Cyanate Ester Fiberglass Prepreg	High service temperature laminates with low dielectric constant & low dissipation factor	Woven Prepreg (1 or 2-side coated)	Clear on white	260°F (127°C)	700°F (371°C)	700°F service achieved using 550°F post cure
AX-3180	Low OSU / FST Epoxy Fiberglass Prepreg	Aircraft interior laminates & panels, A/C ducting	Woven Prepreg (1 or 2-side coated)	White on white	250°F (121°C)	250°F (121°C)	Meets 25.853 & FST / OSU Snap Cure (SC) available.
AX-3201	Toughened Epoxy Fiberglass Laminating Prepreg	High strength laminates requiring good structural properties and/or high clarity	Woven Prepreg (1 or 2-side coated)	White on white	Variable	250°F (121°C)	Flame Retardant (FR), Snap Cure (S), and Extended Life (EL) grades available.
AX-3206	Toughened Epoxy Fiberglass Laminating Prepreg	High toughness laminates for prosthetics and race car industry	Woven Prepreg (1 or 2-side coated)	White on white	Variable	250°F (121°C)	More toughened than AX-3201 series.
AX-3210	Flame Retardant, Modified Vinyl Ester Fiberglass Prepreg	General purpose laminates	Woven Prepreg (1 or 2-side coated)	Off-white on white	275°F (135°C)	300°F (149°C)	Styrene-free. Room temp storage.
AX-3220	High Temperature Epoxy Fiberglass Prepreg	High temperature laminates and high temperature ducting	Woven Prepreg (1 or 2-side coated)	Clear on white	350°F (177°C)	400°F (204°C)	Post cure recommended for peak performance. FR grade available.
AX-3230	Flame Retardant, Modified Polyester Fiberglass Prepreg	General purpose laminates	Woven Prepreg (1 or 2-side coated)	Light pink on white	275°F (135°C)	300°F (149°C)	Styrene-free. Room temp storage.
AX-3260EL	Epoxy Fiberglass Tooling Prepreg	Low temperature cure, high temperature service tooling	Woven Prepreg (1 or 2-side coated)	Light amber on white	125°F (52°C) initial, 380°F (193°C) final	375°F (191°C)	Low temperature initial cure, then free-standing postcure to achieve Tg
AX-3270	Structural Epoxy Fiberglass Prepreg	Structural composite components	Woven Prepreg (1 or 2-side coated)	Cream on white	300°F (149°C)	350°F (177°C)	Color variations available. Flame retardance available.
AX-3300	High Temperature Phenolic Laminating Fiberglass Prepreg	Ballistic panels, high temperature laminates	Woven Prepreg, solution coated	Amber on white	300°F (149°C)	500°F (260°C)	Resin meets MIL-R-9299C
AX-3500	Toughened Phenolic Fiberglass Prepreg	Honeycomb panels for aircraft interior components	Woven Prepreg, solution coated	Amber on white	275°F (135°C)	250°F (121°C)	Press grade and layup grade available.
AX-3605	Modified Silica S-glass Prepreg	High service temp laminates for insulation & aircraft structures	Woven Prepreg, solution coated	White on white	350°F (177°C)	950°F (510°C)	For autoclave or pressing processes. Low tack.
AX-3611	MDA-free Condensation Polyimide Fiberglass Prepreg	High temp laminating applications	Woven Prepreg, solution coated	Amber on white	350°F (177°C)	640°F (338°C)	MDA-free

Product	Description	Applications	Form	Color	Nominal Cure Temp, °F (°C)	Max. Dry Operating Temp, °F (°C)	Comments
AX-4110	Toughened, Flame Retardant Epoxy Aramid Prepreg	Flame retardant laminates, honeycomb panels, and foam panels	Woven Prepreg (1 or 2-side coated)	Off-white on yellow	250°F (121°C)	180°F (82°C)	Meets FAR 25.853
AX-4112T	High Performance, Toughened Epoxy Aramid Prepreg	High toughness, FR laminates, ducting, honeycomb panels, and foam panels	Woven Prepreg, solution coated	Off-white on yellow	250°F (121°C)	200°F (93°C)	Meets FAR 25.853
AX-4151	Modified PVB Phenolic Aramid Prepreg	High strength and impact-resistant bonding and laminating typically for ballistic applications	Woven Prepreg (1 or 2-side coated)	Off-white on yellow	275°F (135°C)	180°F (82°C)	Resin meets MIL-DTL-62474F
AX-4180	Low OSU / FST Epoxy Aramid Prepreg	Aircraft interior laminates & panels, A/C ducting	Woven Prepreg (1 or 2-side coated)	White on yellow	250°F (121°C)	250°F (121°C)	Meets FAR 25.853 & FST / OSU requirements
AX-4201	Toughened Epoxy Aramid Laminating Prepreg	High strength laminates requiring good structural properties and/or high clarity	Woven Prepreg (1 or 2-side coated)	Clear on yellow	Variable	250°F (121°C)	Flame Retardant (FR), Snap Cure (S), and Extended Life (EL) grades available
AX-4210	Flame Retardant, Modified Vinyl Ester Aramid Prepreg	General purpose laminates	Woven Prepreg (1 or 2-side coated)	Off-white on yellow	275°F (135°C)	300°F (149°C)	Styrene-free. Room temp storage.
AX-4220	High Temperature Epoxy Laminating Aramid Prepreg	High temperature laminates and high temperature ducting	Woven Prepreg (1 or 2-side coated)	Clear on yellow	350°F (177°C)	400°F (204°C)	Post cure recommended for peak performance. FR grade available.
AX-4230	Flame Retardant, Modified Vinyl Ester Aramid Prepreg	General purpose laminates	Woven Prepreg (1 or 2-side coated)	Pink on yellow	275°F (135°C)	300°F (149°C)	Styrene-free. Room temp storage.
AX-4270	Structural Epoxy Aramid Prepreg	Structural composite components	Woven Prepreg (1 or 2-side coated)	Cream on yellow	300°F (149°C)	350°F (177°C)	Color variations available. Flame retardance available.
AX-4300	High Temperature Phenolic Laminating Aramid Prepreg	Ballistic panels, high temperature laminates	Woven Prepreg, solution coated	Amber on yellow	300°F (149°C)	500°F (260°C)	Resin meets MIL-R-9299C
AX-4500	Toughened Phenolic Aramid Prepreg, Self-Adhesive	Honeycomb panels for aircraft interior components	Woven Prepreg, solution coated	Amber on yellow	275°F (135°C)	250°F (121°C)	Press grade and layup grade available

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Product	Description	Applications	Form	Color	Nominal Cure Temp, °F (°C)	Max. Dry Operating Temp, °F (°C)	Comments
AX-5112T	High Toughness, Flame Retardant Epoxy Carbon Prepreg	High toughness, flame retardant laminates, ducting, & honeycomb panels	Woven Prepreg, solution coated	Off-white on black	250°F (121°C)	200°F (93°C)	Meets FAR 25.853.
AX-5170	Cyanate Ester Carbon Prepreg	High service temperature laminates	Woven Prepreg (1 or 2-side coated)	Clear on black	260°F (127°C)	700°F (371°C)	700°F service achieved using 550°F post cure
AX-5180	Low OSU / FST Epoxy Carbon Prepreg	Aircraft interior laminates & panels, A/C ducting	Woven Prepreg (1 or 2-side coated)	White on black	250°F (121°C)	250°F (121°C)	Meets FAR 25.853 & FST / OSU requirements. Color variations available.
AX-5201	Toughened Epoxy Carbon Laminating Prepreg	High strength laminates requiring good structural properties and/or high clarity	Woven Prepreg (1 or 2-side coated)	Clear or black on black	Variable	250°F (121°C)	Flame Retardant (FR), Snap Cure (S), and Extended Life (EL) grades available
AX-5202HT	High Temp Cosmetic Epoxy Carbon Prepreg	UV resistant parts requiring high thermal resistance	Woven Prepreg (1 or 2-side coated)	Clear on black	Variable	425°F (218°C)	Used extensively in autosport applications
AX-5204	Epoxy Carbon Laminating Prepreg for High-clarity	Variable temperature cure prepreg for UV resistant cosmetic laminates	Woven Prepreg (1 or 2-side coated)	Light black on black	Variable	250°F (121°C)	Used extensively in automotive applications
AX-5205	Epoxy Carbon Prepreg for High Quality Surface	Low temp or standard temp option for laminates requiring a high quality surface and cosmetic appearance	Woven Prepreg (1 or 2-side coated)	Clear or black on black	Variable	250°F (121°C)	Low temp cure grade available (S)
AX-5206	Toughened Epoxy Carbon Laminating Prepreg	High toughness laminates for prosthetics and race car industry	Woven Prepreg (1 or 2-side coated)	White or black on black	Variable	250°F (121°C)	More toughened than AX-5201 series
AX-5209	High Quality Surface Epoxy Carbon Prepreg	High clarity, low void content laminates requiring low temperature initial cure	Woven Prepreg (1 or 2-side coated)	Clear on black	150°F (66°C) initial, 210°F (99°C) final	250°F (121°C)	Low temperature initial cure, then free-standing postcure to achieve Tg
AX-5220	High Temperature Epoxy Laminating Carbon Prepreg	High temperature laminates, high temperature ducting	Woven Prepreg (1 or 2-side coated)	Clear on black	350°F (177°C)	400°F (204°C)	Post cure recommended for peak performance. FR grade available.
AX-5260EL	Epoxy Carbon Tooling Prepreg	Low temperature cure, high temperature service tooling	Woven Prepreg (1 or 2-side coated)	Black on black	125°F (52°C) initial, 380°F (193°C) final	375°F (191°C)	Low temperature initial cure, then free-standing postcure to achieve Tg
AX-5270	Structural Epoxy Carbon Prepreg	Structural composite components	Woven Prepreg (1 or 2-side coated)	Cream on black	300°F (149°C)	350°F (177°C)	Color variations available. Flame retardance available.
AX-5300	High Temperature Phenolic Carbon Prepreg	Carbon-carbon composites, high temperature laminates	Woven Prepreg, solution coated	Amber on black	300°F (149°C)	500°F (260°C)	Resin meets Mil-R-9299C
AX-5500	Toughened Phenolic Carbon Prepreg	Press cured aircraft interior sandwich panels	Woven Prepreg, solution coated	Amber on black	260°F (127°C)	250°F (121°C)	Press grade and layup grade available.
AX-5605	Modified Silica Carbon Prepreg	High service temp laminates for aircraft ducting and racing applications	Woven Prepreg, solution coated	White or black on black	350°F (177°C)	900°F (482°C)	For autoclave or pressing processes. Low tack.
AX-5611	MDA-free condensation Polyimide Carbon Prepreg	High Temp laminating applications	Woven Prepreg, solution coated	Amber on Black	350°F (177°C)	640°F (338°C)	MDA-free

Note: All unidirectional prepregs are available in E-glass (E), S2 Glass (S), Carbon (C), Aramid (A) reinforcements

Product	Description	Applications	Form	Matrix Color	Nominal Cure Temp, °F (°C)	Max. Dry Operating Temp, °F (°C)	Comments
AX-6111	General Purpose Flame Retardant Epoxy Unidirectional Prepreg	Aircraft flooring, high-rise flooring, cargo liners, high impact surfaces, UAVs, sporting goods	UD prepreg (2-side coated)	Off white	250°F (121°C)	200°F (93°C)	Meets FAR 25.853.
AX-6180	Low FST/OSU Epoxy Unidirectional Prepreg	Aircraft interior components, seatbacks, doublers	UD prepreg (2-side coated)	White	250°F (121°C)	250°F (121°C)	Meets FAR 25.853 & FST / OSU requirements.
AX-6200	Toughened, High Clarity Epoxy Unidirectional Prepreg	Performance sporting goods, automotive parts & components	UD prepreg (2-side coated)	Clear or light black	250°F (121°C)	250°F (121°C)	General purpose
AX-6201	Toughened Epoxy Unidirectional Prepreg	High strength laminates requiring good structural properties and/or high clarity	UD prepreg (2-side coated)	Clear or light black	Variable	250°F (121°C)	Flame Retardant (FR), Snap Cure (S), and Extended Life (EL) grades available.
AX-6206	Toughened Epoxy Unidirectional Prepreg	High toughness laminates for prosthetics and race car industry	UD prepreg (2-side coated)	White or light black	Variable	250°F (121°C)	More toughened than AX-6201 series
AX-6270	Structural Epoxy Unidirectional Prepreg	Structural composite components	UD prepreg (2-side coated)	Cream	300°F (149°C)	350°F (177°C)	Color variations available. Flame retardance available.

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Product	Description	Applications	Form	Color	Nominal Cure Temp, °F (°C)	Max. Dry Operating Temp, °F (°C)	Comments
AX-2114	High Performance Toughened Epoxy Film Adhesive	High performance / high peel bonding applications for metallic and composite substrates	Adhesive film, supported	Off-white	250°F (121°C)	200°F (93°C)	Also available unsupported. Color variations available.
AX-2115	Enhanced Peel, High Performance Toughened Epoxy Film Adhesive	High performance / high peel bonding applications for metallic, composite, and thermoplastic substrates	Adhesive film, supported	Red	250°F (121°C)	200°F (93°C)	Also available unsupported. Color variations available.
AX-2116	Highest Performance Toughened Epoxy Film Adhesive	Aerospace grade bonding applications for metallic and composite substrates	Adhesive film, supported	Off-white	250°F (121°C)	250°F (121°C)	Also available unsupported.
AX-2121	Variable Temp. Cure Epoxy Film Adhesive	Low temperature curing / prototype development / snap curing	Adhesive film, supported	Cream	160°F (71°C)	250°F (121°C)	Various colors available. Also available unsupported.
AX-2130	High Temperature, Toughened Epoxy Film Adhesive	High temperature metal / metal or composite bonding, honeycomb bonding	Adhesive film, supported	Blue	325°F (163°C)	350°F (177°C)	Also available unsupported. Color variations available.
AX-2140	Epoxy Surfacing & Finishing Film Adhesive	Surface finishing of composite parts. Co-cure with prepreg to reduce pitting and smooth part surfaces. Eliminates fill, fair, and repair	Adhesive film, supported	Grey	250°F (121°C) or 350°F (177°C)	250°F (121°C)	Color variations available. May be consolidated with lightning strike materials. Low temperature cure available.
AX-2150	Modified Thermosetting Film Adhesive	Low weight / medium load bonding applications. Honeycomb peel strength improvement	Lightweight adhesive film, unsupported	Light Blue	250°F (121°C) or 350°F (177°C)	250°F (121°C)	Heavier weights and supported versions available.
AX-2151	PVB Phenolic Ballistic Film Adhesive	Bonding promotion and high energy load transfer between fabrics for ballistic applications	Adhesive film, unsupported	Green	250°F (121°C)	200°F (93°C)	Typically used in aramid ballistic laminates.
AX-2190	Foaming Epoxy Core Splice Adhesive	Core splicing and edge-bonding of honeycomb cores and paneling	Medium weight adhesive film, small sheets	Light Orange	250°F (121°C) or 350°F (177°C)	300°F (149°C)	Available in a variety of forms. Flame retardant versions are available.
AX-2700	Foaming Epoxy Core Sheet	Low density foaming core material for composite components	Low density sheets	Blue	250°F (121°C) or 350°F (177°C)	300°F (149°C)	Used widely in auto racing & sporting goods applications

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AX-1000	Corrosion Inhibiting Primer	General purpose corrosion inhibition for metal / metal bonding	Sprayable primer	Yellow	250°F (121°C) for bake	300°F (149°C)	Compatible with most 250°F (121°C) film adhesives
AX-1001	High Temperature Corrosion Inhibiting Primer	General purpose corrosion inhibition for high temperature metal / metal bonding	Sprayable primer	Red	350°F (177°C) for bake	360°F (182°C)	Compatible with most 350°F (177°C) film adhesives
AX-1010	Structural Epoxy Paste Adhesive	General purpose bonding of metallic or composite components	2-component paste adhesive	Off-white	Room Temp.	160°F (71°C)	Meets FAR 25.853
AX-1014	General Purpose, Two Component Epoxy Paste Adhesive	General purpose bonding of masonry, concrete, composites, and metals	2-component paste compound	Amber	Room Temp.	160°F (71°C)	Low viscosity. Designed for masonry-composite bonding
AX-1033FR	Low Density, Flame Retardant Epoxy Core Edge Closeout	Core edge filling of honeycomb structures	2-component, low density dough	White	Room Temp.	180°F (82°C)	Designed for weight-sensitive applications
AX-1230FR	Flame Retardant, Modified Polyester Resin Solution	Wet-layup resin or for sealing voids of finished composites	1-component resin	Clear to Off-white	275°F (135°C)	300°F (149°C)	Styrene-free
AX-1300	Phenolic Sealing Resin	Sealing and finishing of phenolic composites	1-component resin	Amber or Black	300°F (149°C)	500°F (260°C)	Can be dyed black
AX-1611	Polyimide Sealing Resin, MDA-Free	Sealing and finishing of polyimide composites	1-component resin	Amber or Black	350°F (177°C)	640°F (338°C)	Can be dyed black

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