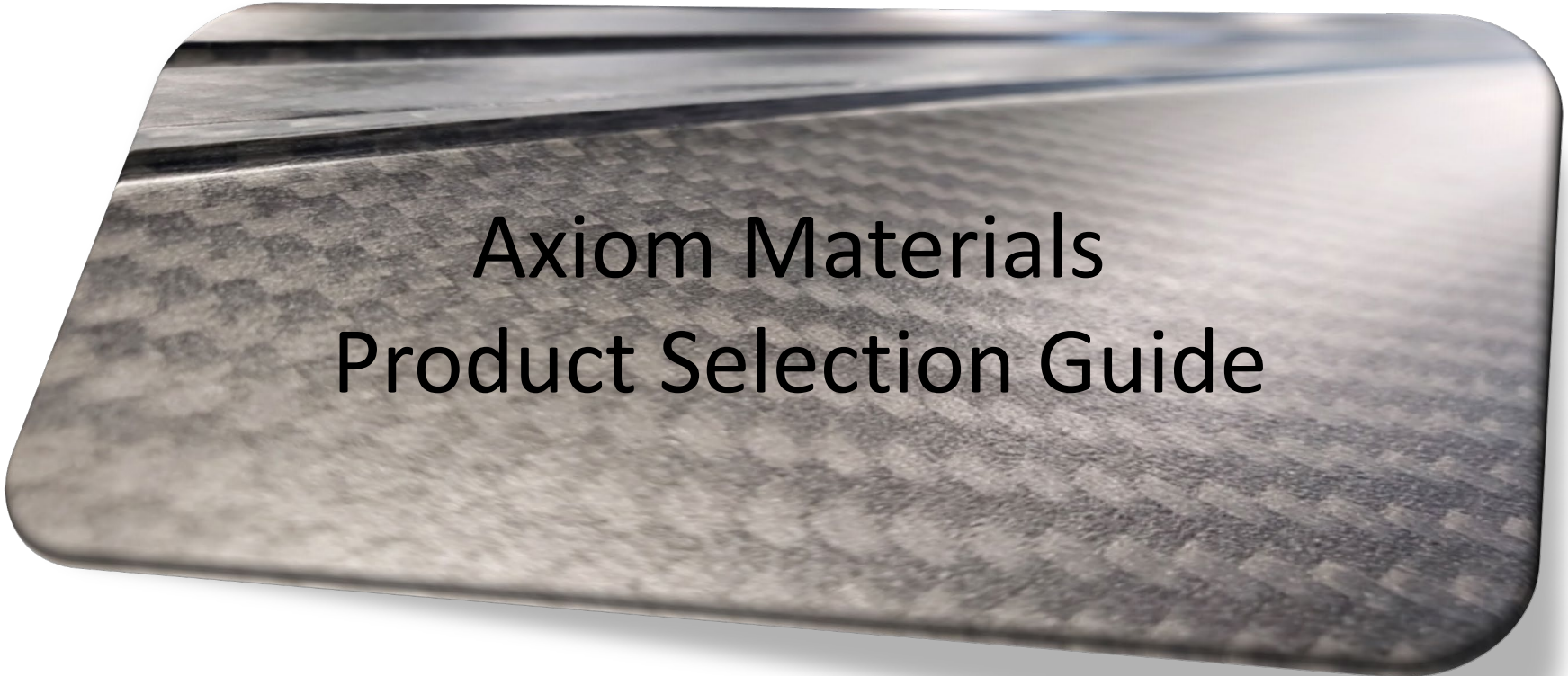




Axiom Materials Product Selection Guide

All data is provided for informational purposes only and does not guarantee or warranty a specification for which Axiom Materials assumes legal responsibility. Users should perform verification and testing to determine suitability for their specific process and curing conditions. Refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions. This product is for industrial/commercial use and must be applied by trained personnel only. Revised 6/2/2025

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Product Naming Key

1) All materials start with 'AX-' to identify them as Axiom products

2) The first number designates the product category:

1XXX: Primers, pastes, and putties (canned goods)

2XXX: Film adhesives

3XXX: Woven preregs, fiberglass or quartz

4XXX: Woven preregs, aramid

5XXX: Woven preregs, carbon

6XXX: Unidirectional preregs

7XXX: CMC prepreg

8XXX: Specialty CMC products

3) The last 3 numbers of the initial sequence of a product identify the resin system. Each resin system has a unique 3 number code ('110' in the above example). It will generally require reference to technical data or sales engineers to determine resin system properties.

4) Fabrics are identified using industry-standard product numbers. Fabric weaves may be determined by referencing a technical fabric handbook.

5) Widths are presented in inches and identified as the third group of numbers in the product sequence.

6) Letters at the end of the product number help determine special product characteristics.

7) Colors are simply identified. Examples: 'Black', 'Yellow', 'Red', for most resin systems, color variations are available.

EXAMPLE:

Sample Product Name: AX-3110-7781-50" Black RC38%

3110 series woven hot melt prepreg made with style 7781 fiberglass (satin weave, 298gsm) at 50" width and having 38% resin content, colored black.

Code	Product Characteristic
C	Carbon Filler Added (e.g. AX-5300C)
CD	Conductive
EL	Extended Life
ET	Extra Tack
F	Filled with Milled Fibers
FR	Flame Retardant
G	Glass Beads Added
HT	High Temperature (Higher Service Temperature Than Standard Product)
L	Long Out Life
LF	Low Flow
LHR	Low Heat Release
LT	Low Temperature Curing

Code	Product Characteristic
M	Mid-Grade Curing (250°F nominal)
N	Nylon Support Carrier
OST	One Side Tack
PG	Press Grade
QC	Quick Curing
S	Speedy Cure (Variable Cure Temperature)
S	Silica Filler Added (e.g. AX-3300S)
SC	Snap Cure
T	Tower Grade
TXT	Textreme®
U	Unsupported
UV	Ultraviolet (UV) Stabilized

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Product	Description	Applications	Form	Color	Nominal Cure Temp, °F (°C)	Max. Dry Operating Temp, °F (°C)	Comments
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-1000NC	Non-Chromated Corrosion Inhibiting Primer	General purpose corrosion inhibition for metal / metal bonding	Sprayable primer	Cream	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-1001NC	Non-Chromated 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-1013	General Purpose Structural Epoxy Paste Adhesive	Room temperature bonding for metal/metal, metal/composite, composite/composite parts	2-component paste compound	Cream	Room Temp.	180°F (82°C)	Self-leveling; Rapid clean up paste with excellent resistance to common industrial fluids
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-1020	Flame Retardant Epoxy Paste	Flame retardant epoxy paste designed for bonding inserts into honeycomb structures	2-component paste compound	Off-White	Room Temp.	180°F (82°C)	Easy to use – Rapid clean up paste
AX-1023	Core Filler	Low Density epoxy dough used for core filling and potting	1-component epoxy paste	Red	250°F (121°C)	180°F (82°C)	Co-curable with many 200°F /250°F epoxy prepreps
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-1300	Phenolic Sealing Resin	Sealing and finishing of Phenolic composites	1-component resin	Amber or Black	300°F (149°C)	500°F (260°C)	Designed for coating and dipping applications
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)	Designed for coating and dipping applications

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