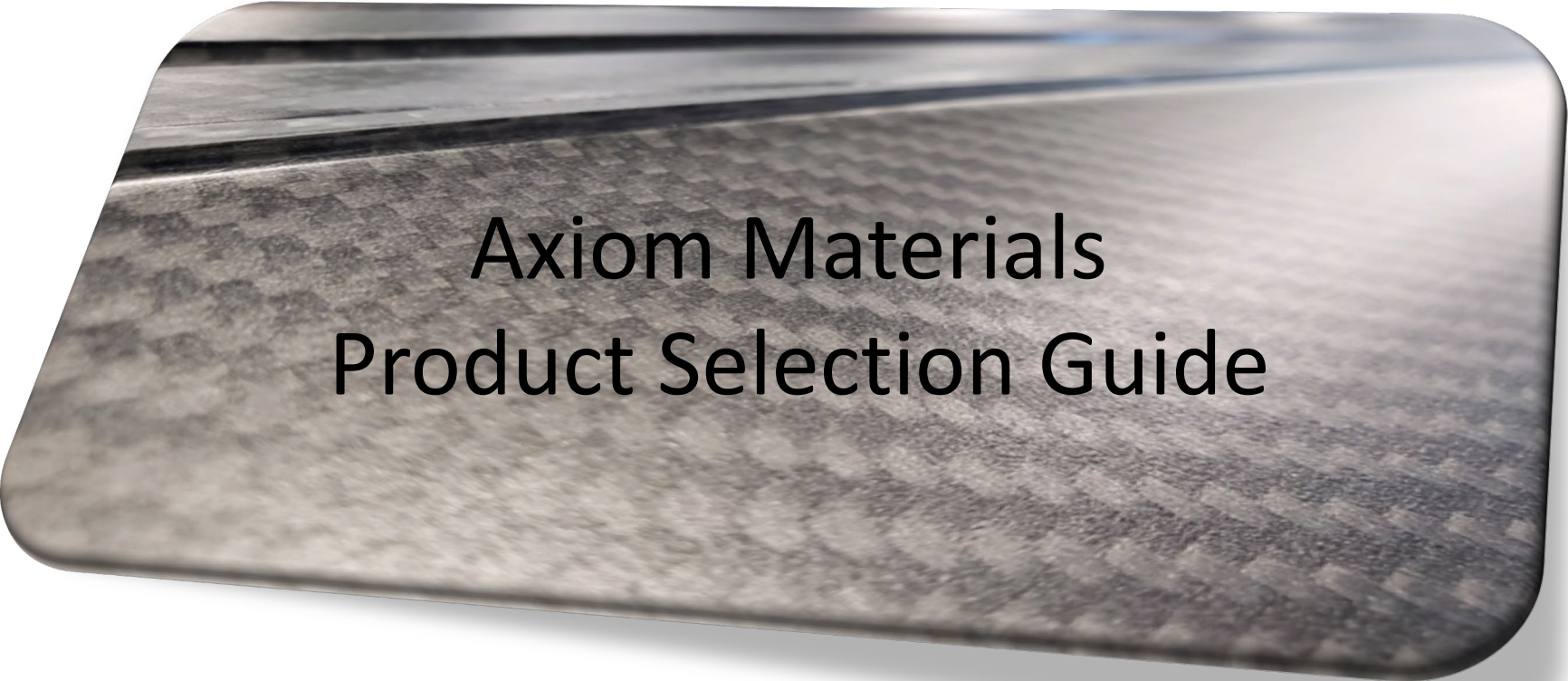




Axiom Materials Product Selection Guide

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 prepregs, fiberglass or quartz

4XXX: Woven prepregs, aramid

5XXX: Woven prepregs, carbon

6XXX: Unidirectional prepregs

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-3260 AX-3260EL	Epoxy Fiberglass Tooling Prepreg	Low temperature cure, high temperature service tooling	Woven Prepreg	Light Amber on White	125°F (52°C) , Variable	375°F (191°C)	Low temperature initial cure, then free-standing postcure to achieve Tg
AX-5260 AX-5260EL	Epoxy Carbon Tooling Prepreg	Low temperature cure, high temperature service tooling	Woven Prepreg	Light Amber on black	125°F (52°C) , Variable	375°F (191°C)	Low temperature initial cure, then free-standing postcure to achieve Tg
AX-3281 AX -3281VBO	BMI Fiberglass Tooling Prepreg	High temp tooling applications	Woven Prepreg	Amber on white	350°F (177°C)	400°F (204°C)	Excellent strength, dimensional stability and thermocycling stability
AX-5281 AX-5281VBO	BMI Carbon Tooling Prepreg	High temp tooling applications	Woven Prepreg	Amber on Black	350°F (177°C)	400°F (204°C)	Excellent strength, dimensional stability and thermocycling stability

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