

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

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

How to decode it:

- 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: CMC films
- 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:
 - 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 temp than standard product)
 - L: Long Out Life
 - LF: Low Flow
 - LHR: Low Heat Release
 - LT: Low Temperature Curing
 - 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 temperature cure)
 - S: Silica Filler Added (e.g. AX-3300S)
 - SC: Snap Cure
 - T: Tower Grade
 - TXT: Textreme
 - U: Unsupported
 - UV: Ultraviolet (UV) Stabilized
- 7) Colors are simply identified. Examples: 'Black', 'Yellow', 'Red', etc.

