

**CREATIVE PULTRUSIONS, INC.,  
STANDARD TOLERANCES FOR PULTRUDED SHAPES  
FABRICATION WITHOUT CNC or CUSTOM FIXTURES  
CPQ063-0407.1C**

**PRODUCTION LINE CUT LENGTHS:**

Length up to 20 feet	20 feet to 30 feet	30 feet to 40 feet	40 feet and Over
+ or - 1/8 inch	+ or - 1/4 inch	+ or - 1/2 inch	+ or - 1 inch

The above tolerances represent cut to length at the pultrusion line tolerances and do not include secondary cutting.

**MITRE CUT or SQUARENESS OF END CUT:** As specified + or - 1 degree for profiles outside a 2 inch envelope. As specified + or - 2 degrees for profiles within a 2 inch envelope. The tolerance applies to the x and y axis.

**RIP TO WIDTH TOLERANCE:** As specified + or - 1/8 inch.

**HOLE DIAMETER TOLERANCE:** As specified + or - .020 of an inch.

**HOLE or SLOTTED HOLE LOCATION TOLERANCE:** As specified + or - 1/8 inch keyed from one origin, non-accumulative.

**SLOTTED HOLE SIZE TOLERANCE:** As specified + or - 1/8 inch.

**ROUT LENGTH TOLERANCE:** As specified + or - 1/8 inch.

**ROUT DEPTH TOLERANCE:** As specified + or - 1/8 inch.

**ROUT LOCATION TOLERANCE:** As specified + or - 1/8 inch keyed from one origin, non-accumulative.

**NOTCH or CUT-OUT TOLERANCE:** As specified + or - 1/4 inch.

**NOTCH OR CUT-OUT LOCATION TOLERANCE:** As specified + or - 1/8 inch keyed from one origin, non-accumulative.

**NOTES:** The above tolerances are for hand fabricated profiles without custom fixtures. Tighter tolerances may be achieved with the CNC and or custom-built fixtures. Reference the Creative Pultrusions, Inc., Standard Tolerances for Pultruded Shapes Fabrication With CNC or Custom Fixtures.

-Consult CPI when special tolerances are required.

-Tolerances are measured prior to resin sealing.