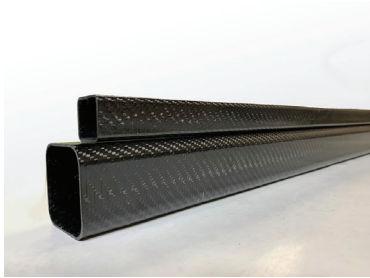


Square Carbon Fiber Roll Wrapped



ACP's Square Carbon Fiber Twill Roll Wrapped Tubes are manufactured by wrapping carbon fiber unidirectional prepreg tape and an outer layer of 2x2 twill onto a mandrel and cured at high temperatures and pressure. The layers are oriented in a 0°/90° orientation with the majority of the fibers positioned in the longitudinal access. Fibers oriented at 90° are wrapped around the circumference to provide high crushing strength and stiffness. Fibers oriented at 0° provide high bending strength and stiffness. All of our roll wrapped tubes feature a slight rib texture spiraling along their length and can easily be sanded and polished away.

Physical Properties

Wall Thickness (WT)	+/- .020"	Test Method-Caliper
Shape/Profile	Square with rounded corners	Visual
Manufacturing Process	Roll Wrapped	For reference only
Layup	0°/90° unidirectional orientation with 2x2 twill outer layer	For reference only
Material	Unidirectional Carbon Fiber, Carbon Fiber 2x2 Twill	For reference only
Resin Type	Epoxy with built in UV inhibitor	For reference only
Fiber Type	33 to 35 MSI standard modulus carbon fiber	For reference only
Color	Black	No color match
Finish	Gloss with slight spiral rib texture	Minimum-Visual

All the information contained in these properties is believed to be reliable. It is intended for comparison purposes only as each manufactured lot will exhibit variations. The user should evaluate the suitability of each product for their application. We cannot anticipate the variations in all end use and we make no warranties and assume no liability in connection with the use of this information.