

**WHY FIBER-LINE® PULTRUSION?****Key Features**

- .25mm – 5.00mm sizes available
- Round, oval, rectangular shapes available
- Swellcoat® water blocking SAP available
- Additional up jacketing up to 17mm
- Dielectric Strength Members (exception of carbon)
- Rod printing available for accurate length reading

**FIBER-LINE® FIBERS SUITABLE FOR PULTRUSION**

- Kevlar® Para-Aramid
- Vectran® LCP
- Zylon® PBO
- Carbon Fiber
- Fiberglass

**FIBER-LINE® PRODUCTS ADDED BY PULTRUSION**

- Strength elements
- Central Strength Members
- Tracer Wire

**Overview**

FIBER-LINE® pultrusion is the process of impregnating and curing fibers in a resin system to form a rigid rod. The fibers are guided through tooling, formed into the desired shape and diameter, then cured.

- FIBER-LINE® recently installed new state of the art pultrusion equipment to complement its traditional processes for making FRP (Fiber Reinforced Polymer).
- Resin chemistry is optimized for process conditions, fiber adhesion, and end-use application of FRP. Resin impregnated fibers are chemically cured with thermal or ultraviolet energy to form a highly crosslinked thermoset matrix.



**ABOUT FIBER-LINE®**

For over 25 years, FIBER-LINE® has provided science-driven expertise that improves the performance and the end-use processing of high performance fibers. Our products enable the search for new energy reserves and extend the life of fiber optic telecommunication cables. They also add important characteristics, such as SWELLCOAT® water-blocking, water repellence, adhesion, color, and wear and UV-resistance to these and many other applications. We believe that our ongoing commitment to protect the environment, to remain at the forefront of fiber and coating technology, and to 'treat others as we want to be treated' will continue to drive the success of our customers, shareholders, and employees.

**LOCATIONS****Headquarters, R&D, Manufacturing**

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