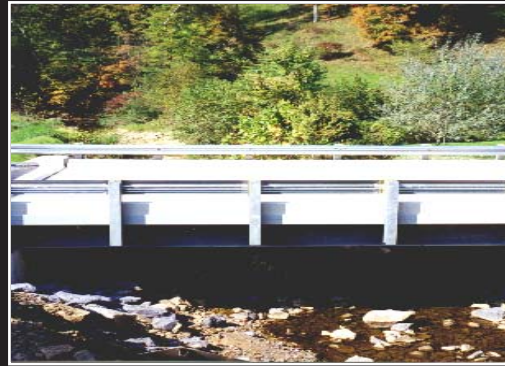


High Strength Pultruded Fiber Reinforced Polymer Composites



CREATIVE PULTRUSIONS, INC.

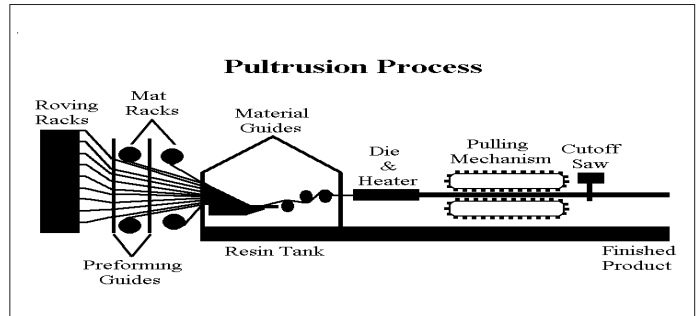
Capabilities
Profile

Serving Markets Worldwide



What is Pultrusion?

Pultrusion is a continuous manufacturing process which creates fiber reinforced polymer profiles of extraordinary strength and resilience. The reinforcement material is drawn through a liquid thermosetting resin bath. The wet, fibrous laminate is pulled through a heated steel die, where precise temperature control cures the material into the profile required. Necessary



strength, color and other characteristics can be designed into the profile by changes in the resin mixture and reinforcement materials.

Since 1973 ...

Creative Pultrusions™ first project was a prototype component for General Motors in 1973. From seven employees, a 3,000 square-foot facility and an "original" pultrusion system, Creative Pultrusions currently employs over 300 at four locations, with over 167,000 square feet of space. From that first component, CP has designed, engineered, developed and produced thousands of standard and custom profiles for a wide variety of applications, as simple as ladder rails, garden tool handles, and grating to as complex as intricately detailed small and large profiles.

FEATURES AND BENEFITS of Fiber Reinforced Polymer Composites

The Creative Pultrusions™ quality process is based on a strong commitment to continuous improvement in products, service, operations and client satisfaction. Product benefits include the following:

- Weather Resistant
- High Strength
- Flexibility
- Dimensionally Stable
- Low Maintenance

- Energy Efficient
- Enhanced Safety
- Structural Integrity
- Long-term Performance
- Reduced Assembly
- Inexpensive Installation
- Unlimited Supply

It all adds up to the kind of manufacturing experience you'd expect from a world authority--meeting your needs and getting results.

Industries Served

With its single-source, in-house design-to-production capabilities, Creative Pultrusions™ provides quality products to a number of industries including:

- Aerospace
- Automotive
- Chemical Processing
- Construction
- Consumer
- Corrosion
- Electrical/ Electric Utility
- Food & Beverage
- Industrial
- Infrastructure
- Manufacturing
- Marine
- Military
- Off Shore
- Oil & Gas
- Petrochemical
- Power Generation
- Pulp and Paper
- Pultrusion Manufacturing
- Recreation
- Technology
- Transportation
- Universities
- Water/ Wastewater

Broad Product Range



STANDARD PRODUCTS

Pultex® standard structural profiles are produced in the three most common materials:

- Series 1500 Isophthalic Polyester (I)
- Series 1525 Isophthalic Fire Retardant (IFR)
- 1625 Vinyl ester Fire Retardant (VFR)



Pultex® is produced in over 250 profiles, such as channels, angles, beams, tubes, Superstud!™/Nuts! fasteners, and flat sheets with many in stock.

Pultex® profiles offer high strength, lightweight, durability, non-conductivity and corrosion resistance. The profiles are ideal as access systems (handrails, platforms, mezzanines, walkways and caged ladders) for manufacturing plants, buildings and offshore structures. Profiles are also used to design cooling towers for industrial operations.

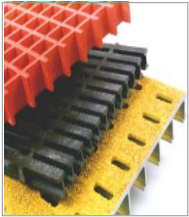


Broad Product Range (cont'd)



SUPERGRATE™, FLOWGRIP® AND TUF-DEK™ FLOORING PRODUCTS

From small to large projects, Supergrate™, Flowgrip® and Tuf-dek™ flooring provide solutions to industry's high-corrosive work areas. They are complimentary to access system structures and meet structural engineering needs.



- Flowgrip® Flooring is the most advanced, and first and only, one-piece construction product on the market.
- Supergrate™ Pultruded Grating offers maximum unidirectional strength.
- Supergrate™ Molded Grating offers lightweight and easy fabrication benefits.
- Tuf-dek™ Decking System, the new generation of flooring systems, can be used as both a roof and floor decking system.

CUSTOM PRODUCTS



For applications requiring proprietary and custom-designed profiles, Creative Pultrusions offers innovative solutions to problems for hundreds of major companies worldwide. Real life examples include:

- Improving safety on the nation's largest rail systems
- Enhancing the safety of America's bridges
- Guiding America's space shuttle home

SUPERSTIK™ HANDLES

Superstik™ handles are manufactured to offer excellent performance in all types of applications and conditions. The splinter-proof handles are non-conductive, lightweight and strong, and offer significantly improved properties compared to steel, aluminum, PVC, and wood. Commercial uses include shovels, rakes, pruning shears, paint rollers, mops, brooms and brushes.



LADDER RAILS

High strength, lightweight composite ladder rails are ideal for extension and step ladders for consumer and industrial applications. The nonconductive polymer construction offers increased protection in electrical areas.



COMPOSITE BRIDGE DECK

The high performance characteristics of fiber reinforced polymer (FRP) composite decking are ideal for new and replacement bridge construction. Weighing only 20% of reinforced concrete, the product provides 6 to 7 times the load capacity. The design-engineered modular system offers long service life, reduced installation and maintenance costs, with increasingly significant advantages on larger span, and higher average daily traffic type bridges.

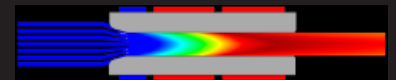


COMPLETE TECHNOLOGY ASSISTANCE/ DYNAPUL™ PULTRUSION MACHINERY

For customers who need to manufacture pultruded profiles, CP provides DYNAPUL™ Machinery and auxiliary equipment. Machine styles include caterpillar and reciprocating puller manufacturing machines. Auxiliary equipment includes thermal analyzers, mat slitters, and resin pump systems.

The most complete line of equipment available in the industry capable of producing the most simple to most complex profile requirements. Backed with solid technical expertise and based on years of pultrusion manufacturing experience, Creative Pultrusions, Inc. offers complete facility design, turn-key systems, including training and service, and technology transfer programs to extend pultrusion knowledge.

Technology Center



PULTRUSION DYNAMICS
Applied Science for Pultrusion Excellence



Using leading edge products and services to improve the pultrusion manufacturing industry, the finest products and expert solutions to today's process engineering problems are available from Pultrusion Dynamics™, the Corporation's Technology Center.

Services available:

• **Contract Development Services**

Product and process research and development accelerate implementation of new concepts.



Confidential development and prototyping services are conducted in a full service pultrusion laboratory to provide a proving ground for new product, process or raw material evaluations. Material and process data acquisition instruments provide objective measurement of processing performance.

• **Educational Services**

Technology seminars provide state-of-the-art pultrusion techniques to the industry. Frequent one-day seminars are scheduled at many locations. On-site seminars are also available. Pultruders, Technical Directors, Raw Material Suppliers, Process Engineers, Researchers, Manufacturing Supervisors, Technical Sales Personnel and Product Managers benefit from these seminars.



Serving you with a strong, international network,
you can depend on Creative Pultrusions'
consistent level of products,
quality and personal service.

Memberships in Trade and Professional Organizations



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