

Applications

- Wall and ceiling panels
- Skylights
- Partitions
- Roofing
- Signage

Advantages

- Exceptional strength to weight properties
- Chemical and corrosion resistant
- Excellent structural properties and dimensional stability
- Water and weather resistant
- UV and fire retardancy
- Low electrical and thermal conductivity
- Very low coefficient of expansion
- Consistent color throughout
- Light weight

Grades

- Pultruded
- Molded

NOTE: Several grades of this material are available. For additional information regarding this plastic, contact your Emco Industrial Plastics representative or call (800) 292-9906.

Fiberglass Reinforced Plastic, Pultruded Sheet

Made from extremely fine glass fibers, fiberglass is used as a reinforcing agent for many polymer products. The resulting composite material is properly known as glass-reinforced plastic (GRP) in Britain, fiber-reinforced plastic (FRP) in the USA, or by the trade name Fiberglass, which has become a genericized trademark.

Pultruded FRP sheets are offered in three series designed for different environments and applications:

- Standard: All-purpose series utilizing an isophthalic polyester resin system. Color: Olive Green.
- FR/UV: All-purpose series utilizing a fire-retardant isophthalic polyester resin system with a UV inhibitor. Color: Dark Gray & Yellow.
- VE: Premium series, both fire-retardant and highly corrosion resistant, utilizing a vinyl ester resin system with a UV inhibitor. Color: Beige, Yellow.

Additional FRP sheet goods available:

- Liner Panels: Economical, durable, and nonporous, designed for wall or ceiling applications where high sanitation standards are required. Extruded PVC moldings available.
- Corrugated Sheets: Translucent, industrial weight panels create side lights, skylights, roofing, wall partitions. Ideal for assembly and fabrication plants, warehouse and port facilities, garden centers, wastewater treatment plants, as well as other commercial buildings.
- Sheets/Panels: Fiber Brite® FRP panels are the signage industry's alternative to expensive laminates, labor-intensive MDO, damage-prone aluminum, and climatically unstable PVC. Recommended for use around water, chemicals, electricity or where UV outdoor resistance and durability are important.

Availability

TYPE	SIZE	LENGTH	COLOR
Sheet	1/8" - 3/4" Liner Panels	48" x 96", 144"; CTS	Various
Sheet	2-1/2" flat or corrugated rib	Up to 26" x 144"	Clear, White, Light Green
Sheet	0.045" - 0.25" TH Panels	48" x 96"; CTS	
Sheet	3/16" - 1" TH Plates	48" x 96"; CTS	Beige, Light Grey
Other	Moldings for Liner Panels, Accessories for Corrugated Sheets includes nails, sealants, adhesives, nylon rivet,s, closures, and flashing		

Give us your cut-to-size dimensions. We will precision-cut these plastics to your exact size. Additional sizes and colors available upon request.