

Flatties

GlasMesh Company provides a complete line of FRP corrosion and abrasion control products. These products are designed to prevent electrical contact shorts on buried and exposed pipelines. All are preformed and fabricated for specific functional users.

Why FRP?

An effective isolating material must provide high dielectric strength under an extreme range of operating environments and conditions. Plastic materials offer many advantages including lightweight, ease of handling, non-corrosive however some of the disadvantages include cold flow, heat distortion, and low abrasion resistance. Fiberglass reinforced plastic (FRP) provides all the physical advantages of plastic while eliminating or reducing the disadvantages of non-reinforced plastics. GlasMesh FRP products will not cold flow nor become brittle in cold temperatures. They will not soften nor distort from heat and have excellent abrasion resistant properties. GlasMesh products are fabricated from a precision manufactured, filament-wound, ultraviolet protected FRP epoxy with integral epoxy liner and exterior coating. FRP products' inside diameters approximate the outside diameters of the carrier pipes, thus assuring close fit and requiring minimum clearance during installation. These products meet all known industry recommended specifications and properties.

FRP FLATTIES are made of a select combination of random glass mat reinforcements saturated with polyester resins combined with suitable fillers. These composites are cured and compressed under moderate pressure to form smooth dense laminates. FLATTIES tolerate point loading and are resistant to cold flow. They will not become brittle at cold temperatures. Available in 12" by 12" squares or economical larger sheets. We will be glad to quote prices on specific thicknesses or non-standard sizes, thicknesses or widths.

FRP FLATTIES have numerous applications in the natural gas distribution and transmission and liquid pipeline industries.

- They eliminate or correct above or below ground metal-to-metal electrical contacts, particularly on underground steel mains.
- Custom fitting as non-corrosive, non-conductive spacers or shims.
- A standard product for spacing, isolating or protecting pipes and valves from their supports.
- Idea protection for coated tank bottoms.

Thicknesses available:

- Type No. 12 x 12-1/2"
- Type No. 12 x 12-1/4"
- Type No. 12 x 12-1/8"
- Type No. 12 x 12-1/16"