



FRP PIPE RACKS



EXPLORE OUR FULL LINE OF FRP SOLUTIONS

DEFI Structural Fiberglass offers a wide variety of structural products made of fiberglass-reinforced polymer, including shapes, molded grating, and pultruded grating. Our team of skilled engineering, design, and manufacturing professionals is dedicated to helping customers maximize the benefits of FRP.

PRODUCTS

- Structural shapes
- Grating
- Decking
- Stairs and handrails
- Ladders and cages
- Fabricated structures

SERVICES

- Engineering
- Design and drafting
- Fabrication, including CNC machining and assembly
- Secondary coating and painting
- In-house testing

FABRICATION FORTES

- Platforms
- Ladders
- Handrails
- Catwalks
- Gratings
- Custom Fabrication



DEFI STRUCTURAL FIBERGLASS
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FEATURED PROJECT

FRP PIPE RACKS

Fiberglass Pultruded Structural Profiles have a high glass content (65%), which is excellent for applications with long spans and heavy loads. One such application that has both is Pipe Racks. These applications are typically located within Petrochemical Facilities, moving liquids/gases from one end of the plant to another.

CHALLENGE

Historically, Pipe Racks are made from galvanized or painted steel, which needs constant painting and upkeep to prevent Corrosion and Rust. Steel is expensive, requires large cranes, permitting, and is labor-intensive to install.

SOLUTION

Structural Fiberglass is an excellent alternative building material for Pipe Racks. FRP Profiles are:

- Corrosion and Chemical Resistant
- 75% Lighter than Steel
- High Strength-to-Weight Ratio
- Non-Conductive
- Maintenance Free
- No Hot Work or Permits Required to Install

PRODUCTS TYPICALLY USED:



Angle



Wide Flange Beams



Channels



I-Beam

