FRP and Dual Laminate Equipment Manufacturing



Corrosion and Abrasion Resistant Tanks and Vessels U

RPS is certified by ASME to fabricate FRP (fiberglass reinforced plastic) and dual laminate tanks and vessels to ASME RTP-1. Dual laminate liners include PVC, CPVC, PP, PVDF, ECTFE, FEP, PTFE, PE, and PFA. Custom built to your specifications.



Dual Laminate Pipe Systems 1" through 24" U

A dual laminate pipe system incorporates a thermoplastic liner in an FRP structure, combining the enhanced corrosion resistance of thermoplastics with the higher strength and load carrying capabilities of FRP.

MAXAR Blue FEP/FRP

MAXAR Red PVDF/FRP

MAXAR White PFA/FRP

ECTFE/FRP

CPVC/FRP

• PP/FRP

PVC/FRP



FRP Pipe Systems 1" through 120" U

RPS corrosion and abrasion resistant FRP pipe systems offer significant performance and cost advantages over steel, alloy, and rubber lined steel materials.

- Corrosion Resistant HPPE P-150 Vinyl Ester (VE) Resin
- Corrosion/Abrasion Resistant HPPE A-150 Abrasion Resistant VE Resin
- AA Series FGD Slurry Spray Piping Abrasion Resistant VE Resin
- High Temperature Corrosion Resistant HPPE H-Series Novalac VE Resin
- Pipe Supports

Note: HPPE P-150, HPPE A-150, and H-Series are ASME NM.2 compliant





Custom Composite Equipment U

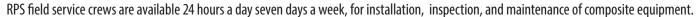
- Containment Liners
- Acid Cells
- Covers
- Platforms
- Manifolds
- Decks
- Beams

- Strippers
- Strainers
- Baffles
- Pipe supports
- Headers
- Stacks
- Deflectors

- Linings
- Duct
- Roofs
- Lamella
- Alignment grids
 - rids Conical Outlets
- ets Panels



Construction/Field Services **U**



Inspection

- Maintenance
- Field Joints

• Non-Destructive Testing and Inspection

Installation

- Panel Linings
- Emergency Repair
- Thermoplastic Welding

Training

Laminating

Relining

• Long Term Service Agreements

Engineering Services **U**

When you work with RPS Composites you have full support from our in-house team of professional engineers.

Material Selection

Specification

• Pipe Stress Analysis (PSA)

• Finite Element Analysis (FEA)

Tank and Vessel Design

- Component and Equipment Design
- Inspection

Facilities

RPS operates multiple FRP and dual laminate manufacturing, inspection, distribution, and service centers near dense industrial corridors and transportation hubs, enabling us to fulfil large capex projects, and to provide timely local service.

United States — Alabama (Mobile) • Louisiana (Baton Rouge) • Ohio (Cincinnati) • Texas (Houston) • Utah (Salt Lake City)

Virginia (Front Royal) • Pennsylvania (Pittsburgh) • Washington (Vancouver)

Canada — Nova Scotia (Mahone Bay) • Ontario (Toronto)