Fiberglass & Plastic Products
“Solving your corrosion problems”

Valley Forge Business Center
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Norristown, PA 19403

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www.designplasticsystems.com
REPRESENTING
The world's leading manufacturers of corrosion resistant, fiberglass and plastic piping, grating, valves, tanks and duct.
• Corporate offices are located in Norristown, PA
• 5 Regional Offices throughout the Mid Atlantic Region
• 20,000 sq ft Warehouse
• Largest fiberglass and plastic inventory on the East Coast
• State of the art fabrication facility certified to ANSI B31.3
• Design & Manufacturing Capabilities

EXPERIENCE
• Technical inside and outside sales staff
• Over 200 years combined experience in Fiberglass & Plastics
• Most knowledgeable in the industry

MARKETS
• Power Generation
• Pharmaceutical
• Water & Waste Water
• HVAC / Cooling Towers
• Colleges & Schools
• Bio Technology
• Landfills
• Roadway & Bridge Drainage
• Food Processing Plants
• Water Parks

SUPPORT
• Technical support and training
• Field installation support
• Fleet of installation tools
• Technical expertise
• 24hr Emergency Service

CUSTOM FABRICATION
• 5000 sq ft facility
• ANSI Certified to B 31.3
• Quick deliveries
• Shop Fabricated or Field installed
• Manufactured to your specifications and requirements

OUR MISSION
To serve our customers by providing solutions for their corrosion problems with superior products and technical expertise.
Fiberglass Piping Systems

- Vinylester, Polyester, Epoxy, Z-core, Furan
- 1-14" Filament Wound and Centrifugally Cast

Large Diameter Fiberglass Pipe
16" Diameter thru 84" Diameter
- Polyester, Vinylester and Furan
- Gravity Sewers
- Water Supply & Returns
- Wastewater
- Bridge Drain Systems
- Abrasion Resistance FGD Bottom and Fly Ash

Product Certifications
- ISO 9001
- ANSI
- NSF International
- FDA
- UL
- FM - Factory Mutual
- AWWA
- Coast Guard
- ASTM

Scrubbers, Fans and Ductwork
- Packed Tower & Venturi
- Hoods & Plenums
- Round & Rectangular Duct
- Centrifugal and Inline Fans
- Fabricated in Accordance with (SMACNA) Standards
- Technical Design Assistance
- Custom Fabricated Assemblies
- Pre-Insulated Piping

Double Wall Secondary Containment Piping Systems

Fiberglass Piping Systems for HVAC Applications
- Abrasion Resistant
- Waste Water
- Food Process
- Chemical Service
- Condenser Water
- Heating Water
- Chilled Water
- Steam Condensate Return
- Cooling Tower Piping

DOT Approved Bridge Drain Systems
PLASTIC PIPING SYSTEMS

PVDF | Polypropylene | TEFLOW® | PVC | CPVC |
- High Purity-Sanitary Piping
- Bead & Crevice Free (BCF)
- IR "Infrared" Butt Fusion
- Sanitary Mechanical or Socket Fusion
- Custom Fabrication
- FDA & USDA approved materials
- WFI and USP water systems

Piping Systems Pressure and Drainage
PVC | CPVC | Polypropylene | Polyethylene | PVDF | TEFLOW®
- Single Wall & Double containment
- Pre-Insulated
- Fuseal

Polyethylene (HDPE)
- 1-60" Solidwall pipe and fittings
- Custom Fabrication
- Perforated
Valves (Manual and Actuated)
PVC | CPVC | PVDF | Polypropylene | Fiberglass | HDPE

- Ball Valves
- Diaphragm
- Butterfly
- Solenoid
- Relief
- Check
- Needle
- Regulator
- Globe
- Strainers
- Multiport
- Flow Control
- Pneumatic
- Electric
- Hydraulic
- Motor Operated
- Flowmeters
- Secondary Contained Valve Boxes & Enclosures
**Polyethylene and Fiberglass Tanks & Linings**
- 50 - 50,000 Gallons
- Cylindrical
- Rectangular
- Horizontal
- Plating
- Underground
- Chemical Storage
- Acid Neutralization
- Custom Fabricated
- Repairs & Upgrades
- In Stock
Grating, Platforms, Structural, Siding, Roofing and Doors
Your single source for turn-key design, engineering and fabrication of fiberglass materials, products and systems.

Standard Products:
- Pultruded Grating
- Molded Grating
- Solid Top Grating, Grit Surface
- Stair Treads
- Deck Plate
- Concrete Embedment Angle
- Structural Pultruded Shapes
- Threaded Rod and Nuts
- Columns and Beams
- Adjustable Support Legs
- FRP Strut
- Ladders, Cages and Handrails
- H-20 Loading


**CUSTOM FABRICATION & DESIGN**

**In-house Custom Fabrication**
- ANSI B31.3 Certified
- Pre-Fabricated Fiberglass Pipe Spools and Headers
- PVC Fabrications
- Fiberglass Platforms, Stairways and Catwalks
- Grating cut to size
- Fiberglass Ladders and Handrail
- Polyethylene Tank Fit Up
- HDPE Fusion

**Field Services**
Design Plastics also provides field service for work such as:
- FRP Platform, Grating and Stairway Installations
- FRP Pipe & Duct Installations
- FRP Butt & Wrap Joints
- Plastic and FRP Tank Repairs
- Pipe & Tank Repairs
- HDPE Fusion
- Inspection & Testing
- Training
- 24 hr. Emergency Service

“Solving your corrosion problems”

**TOOLS & ACCESSORIES**

**CentreFuse**
- Butt Fusion Machine 1-42”

**Electrofusion Unit**

**Rental Fleet**
- HDPE 1”-42” Butt Fusion
- Friatec HDPE Couplings
- BCF & IR
- Fuseal
- 1”-16” FRP Tapering Tools
- Trained Operators

**IR Plus™**
- Infrared Butt Fusion Technology

**Stop It**
- EMERGENCY LEAK CONTROL KITS

**Dresser Style Repair Clamps**