

PV Line Cards:

- Actuation & Controls
- Commercial Plumbing
- Corrosive Fluid PVF Solutions
- Industrial PVF
- Instrumentation & Controllers
- Sanitary Process Division
- Steam, Hot Water, Humidification

Fiberglass FRP Piping Systems



Fiberglass-Reinforced Plastic (FRP) pipe & fittings

- **Conley™** | Filament Wound FRP Pipe
 - 1" - 30" diameter
 - Up to 20 feet long
 - Exterior UV Protection
 - 25 year warranty against Fiber Bloom
- **Gorilla™** | Composite Fittings
 - Resin Rich, Veil Liner
 - Corrosion Liner Thickness: 60 or 100 mil
 - No Derating of Pipe psi
- **Endurance™** | Continuous Cast FRP Pipe
 - 1" - 8" diameter
 - Up to 50 feet long
 - Rotating Flanges



PTFE-Lined Metal Piping Systems

Seamless Steel PTFE-Lined pipe & fittings with rotating flanges



- **ChemTite®** | Seamless Pipe lined with PTFE
 - A53 Seamless Carbon Steel or 304L or 316L Stainless Steel Housing
 - 1" to 42" diameter
 - ASTM F1545 (1" - 12") PTFE Lined Pipe
 - Patented ChemStack Vent Plug available
 - Rotating ANSI Flanges
 - Up to 450°F Service
 - Up to 285 psi Maximum WP
 - Full Vacuum Rated to 12"
 - Grounding Lugs Available
 - ANSI b16.5 Dimensional Fittings
 - PFA, PVDF, ETFE, PP and PE Liners also Available



Dual Laminate Piping System

Fluoropolymer-Lined Fiberglass-Reinforced Plastic (FRP) pipe & fittings

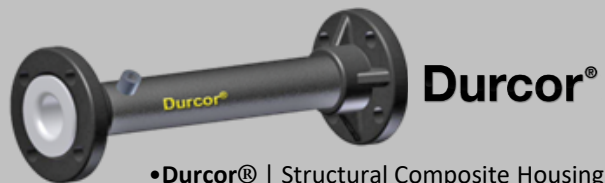
Endurance™



- **Endurance™** | Dual Laminate FRP Pipe & Fittings
 - Available 1" - 72" diameter
 - NBS PS 15.69 (Hand Lay Up)
 - ASTM 2996 (Filament Wound Fabrication)
- Available in both *hand lay up* and *filament wound*, Endurance Dual Laminate FRP Pipe & Fittings feature a durable composite matrix exterior for mechanical strength, and corrosion resistant thermoplastic liners fully contact-bonded together using a proprietary methodology to reduce failures related to vacuum and differential thermal expansion.



PTFE-Lined Structural Composite Piping System



- **Durcor®** | Structural Composite Housing with ASMT F-1545 compliant PTFE-Lining
 - Strong, Lightweight, Zero Corrosion
 - Thick Wall PTFE Liner
 - Available in 1" - 8" diameter
 - Full vacuum up to 300°F
 - 1/4 the weight of steel
 - No exterior primer/painting required
 - Pressures to 275 psi
 - Temperature range -40°F to 300°F
 - 5-year warranty
- **Durcor 50's** - Available in 1" - 4" diameter. Up to 50 feet long pipe spools with FEP lining



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Composite Valves



- Swing Checks
- Ball Checks
- Weir Style Diaphragm Valves



Gaskets



- PureFlex | Task-Line | Ring Gaskets w/PTFE Encapsulated SS Inserts

Composite Valves



- **PureFlex®** | Composite Valves
- **Ball Valves** - 1" to 10" ANSI dimensions. Series 400, 405, 450, 455, 459. ISO 5211 Universal mounting pad. Exceeds Class VI shut-off.
- **Butterfly Valves** - 2" to 12", 800 Series and 860 Series, Durcor® body, full face wafer & lug style, locking lever, gear op, or fully automated
- **Ball Checks** - 1" to 6", 100 series, fiberglass, carbon graphite reinforced vinyl ester, or E-Plus™ epoxy materials.
- **Swing Checks** - 3" to 12", 200 series, unseats with <1psig of pressure, seats without any flow in both horizontal and vertical lines.



Flanges



- PureFlex® | Durcor® | Composite Lap Joint Flange
- Advanced Proprietary Fiber Reinforced Composite Construction, Tensile & Compressive Strengths Rival Steel, Outstanding Impact Resistance, Virtually Indestructible
 - Drilled to CL150, PN10/16, JIS
 - ANSI B16.5 Dimensions
 - Temperature Range -60 °F to 300 °F
 - Tensile Strength of 50,000psi per ASTM D-368 or 358 Mpa

Strainers



- T-Line | Strainers
- Ductile Iron body with ETFE or PFA Liner
- Heavy Solid Duty PTFE Basket

Lined Ductile Iron Valves
ChemTite®



Standard and Full Port Ductile Iron Ball Valves

- Ball Valves - 1" to 6"
- Ball Check Valves - 1" to 6"
- Plug Valves - 1" to 8"
- Butterfly Valves - 2" to 24"
- Diaphragm Valves - 1/2" to 6", up to 12" on some body styles.



Pumps - Sludge & Slurry



- RamParts® | Ductile Iron P-Series Pump
- RamParts® | Ductile Iron I-PC Pump
- 5 Lining Options and 7 Diaphragm Materials



Hoses



- PureFlex | Ultra-Pure & Chemical Resistant
- Rubber Covered
- Braided Smooth Bore
- Braided Convuluted
- Silicone
- Heated Hose
- Food Grade Rubber Hose & PVC
- Hose Fittings



Expansion Joints



- **FlexiJoint** | PTFE Expansion Joints/Bellows & Flexible Connectors
- **BlueLine** | PTFE Expansion Joints/Bellows

Sight Glasses



- PureSite | extruded FEP tube site glass
- ChemTite®
- Ductile Iron Bull's Eye Sight Glass, 1" to 6"
- Ductile Iron Lantern Style 360° Sight Glass, 1" to 12"

Tanks



- **Endurance™** | FRP & Dual Laminate Tanks
- Up to 14 feet diameter
- Up to 60 feet tall
- ASME RTP-1 FRP Tank