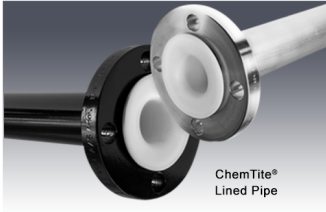


## A WORLD LEADER IN FLUOROPOLYMER TECHNOLOGY FOR OVER 60 YEARS



### **ChemTite®** **PTFE Lined Pipe**

Heavy duty PTFE lined pipe and fitting liners are manufactured in the USA in strict accordance, meeting or exceeding the requirements of ASTM F1545. ChemTite PTFE lined pipe and fittings are resistant to all acids, all solvents, all bleach solutions, all caustics, all peroxides, all phenols, all organic and inorganic chlorides and sulfates. ChemTite has the largest size range of any PTFE lined pipe manufactured in the USA ranging from 1" to 42" diameter.



### **ChemShield™** **Rotolining of Custom Shapes**

Available in ETFE, PFA, PVDF and other material as seamless liners, Ethylene is unmatched in its ability to offer unique, custom lined steel components. From engineering design, steel fabrication, and lining, Ethylene can turn-key your design concepts into reality. Size range from 1" to 13ft diameter.



### **Flexijoint®** **PTFE Expansion Joints**

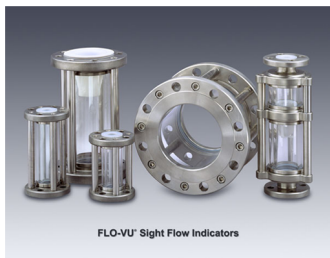
Flexijoint® is designed for severe service applications that demand consistent reliability, lower permeation rates, and maximum travel. Available in sizes from 1/2" to 42" diameter with 2 to 12 convolutions to compensate for pipe movement, misalignment and/or vibration. Features include - Full vacuum resistance to 450°F, uniform PTFE wall thickness, T-Bands™ for convolution support and Limitlink™ axial restraints that eliminate cumbersome limit bolts. Flexijoints® low spring rate is ideal for stress-sensitive FRP piping, graphite pumps and glass lined process vessels and equipment.



### **FlexArmor®** **PTFE Lined (double contained) Expansion Joints**

FlexArmor® combines a 321 stainless steel armored bellows with a Flexijoint® heavy wall PTFE liner to provide higher pressure capability (300psi), outstanding chemical resistance, and the added security of double containment. The bellows have a size range to 24" diameter and can operate at temperatures from -40°F to +400°F. FlexArmor® bellows are designed and engineered to any specific customer requirements.

## A WORLD LEADER IN FLUOROPOLYMER TECHNOLOGY FOR OVER 60 YEARS

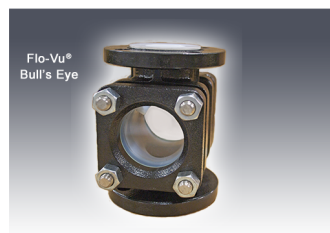


### FLO-VU®

#### Sight Flow Indicators With Safety Shield

Ethylene's sight flow indicators incorporate energized PTFE seals with a full 360° view borosilicate glass that provides a continuous bubble-tight seal at 150psi even after repeated thermal cycling - GUARANTEED! Available in 1" to 12" diameter and lengths from 5" to 50" and can operate at temperatures of -20°F to +350°F.

Also available with tri-clamp end connections and dual containment configuration.



### FLO-VU® Bull's Eye Sight Indicators

FLO-VU PFA lined Bull's Eye sight indicators are ideal for visual fluid motion, flow & color inspection. They are designed for tough applications that require a rugged ductile iron housing and thick Borosilicate Glass for impact resistance. FLO-VU excels with 1-1/2 times more viewing area and integral drip lip at no additional charge. FLO-VU's PFA lining provides the ultimate in chemical resistance from -20°F to +400°F and is full vacuum rated.



### T-Line Strainers™

#### Protection For Your Downstream Equipment

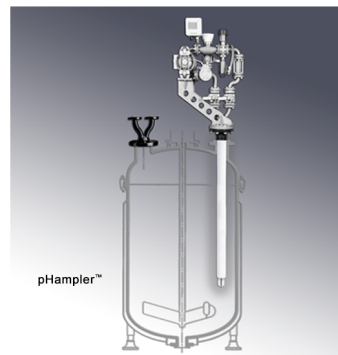
Fully lined ETFE or PFA ductile iron strainers in sizes 2" to 8", temperatures to 450°F delivers maximum Cv's and chemical resistance while protecting your valuable downstream equipment such as lined pumps, heat exchangers and glass lined vessels. T-Line strainers™ have an exclusive solid PTFE basket that will never corrode.



### EthylArmor®

#### Dip Tubes, Spargers & Sampling

EthylArmor® PTFE lined and covered armored dip pipe and spargers are designed exclusively for the rigorous demands of agitating vessels or the high stress of injection. 3/4" to 8" size range up to 30 Feet long. Also available is Ethylene's Solid PTFE dip pipes and spargers for non-agitated services. High Alloy Steel also available.



### pHampler™

#### Reactor Sampling, Monitoring & Control System

pHampler™ is a patented reactor sampling, monitoring and control system that eliminates fugitive emissions and employee exposure to hazardous media while providing guaranteed analyzed results.