

ETHYLENE, LLC

THE WORLD LEADER IN FLUOROPOLYMER TECHNOLOGY
FOR OVER 50 YEARS



Flexijoint®
Expansion Bellows

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" diameters with 2 to 10 convolutions to compensate for pipe movement, misalignment and/or vibration. Features include - Full vacuum resistance to 400°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® Flexijoint®
Expansion Bellows

FlexArmor® PTFE Lined (double contained) Bellows

FlexArmor® combines a 321 stainless steel armored bellows with a Flexijoint® heavy wall PTFE liner to provide higher pressure capability (200psi), 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.



FLO-VU® Sight Flow Indicators

FLO-VU® Sight Indicators With Safety Shield

Ethylene's sight flow indicators incorporate energized PFA 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 6" diameter and lengths from 5" to 30" and can operate at temperatures of -20°F to +350°F. Also available with tri-clamp end connections and dual containment configuration.



Fluoropolymer-Lined
Specialty Fittings

MonoDerm™ Large Diameter Lined Pipe and Special Shapes

MonoDerm™ is Ethylene's trade-name for its heavy duty, seamless lined piping components. Available in PTFE, PFA or ETFE with a size range from 1/2" to 42" diameter. Ethylene's isostatic molding and high capacity rotational molding cells can line virtually any configuration imaginable such as piping headers, pump casings and valves.



EthylArmor® & pHampler® Dip Tubes, Spargers & Sampling

EthylArmor® is a PTFE lined and covered armored dip pipe or sparger designed exclusively for the rigorous demands of agitating vessels or the high stress of injection. Also available is Ethylene's Solid PTFE dip pipes and spargers for non-agitated services. 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. See picture on back for complete assembly.



T-Line Strainers™

Fully lined ETFE or PFA ductile iron strainers in sizes 3" 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.

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