

Ethylene™ is unmatched in the manufacture of engineered PTFE products. Since its founding in 1950 and its DuPont lineage, Ethylene has become a global supplier of PTFE expansion joints, PTFE Dip Pipes, sight flow indicators, and custom fluoropolymer lined piping products. Ethylene products are considered the industry standard for demanding applications and are used by major chemical companies around the globe. When you need high performing, chemical resistant products there is only one company that has the reputation, experience and service to back it up – ETHYLENE™

Flexijoint®, Ethylarmor®, FLO-VU® and pHampler® are registered trademarks of Ethylene™

FLEXIJOUNT® - 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 deg, 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 of 24" diameter and can operate at temperatures from -40F to +400F. FlexArmor® bellows are designed and engineered to any specific customer requirements.



ETHYLARMOR® - DIP TUBES

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' long. Also available in Ethylene™'s Solid PTFE dip pipes and spargers for non-agitated services. High Alloy Steel also available.

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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 temperature of -20F to +350F. Also available with tri-clamp end connections and dual containment configuration.

FLO-VU[®] Bulls Eye - Sight Indicators

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 of 24" diameter and can operate at temperatures from -40F to +400F. FlexArmor[®] bellows are designed and engineered to any specific customer requirements.

About McGill Hose & Coupling, Inc

A family-owned business since 1962, is a single source for the most complete line of flexible hose, fittings, and fluid handling components servicing the Northeast US. We specialize in servicing large & small Industrial/Mechanical, Food/Beverage, Pharmaceutical, Fuel Transport/Transfer & Refinery, Government, Municipal, Aerospace, & OEM customers, among many others.

We are steadfast in our commitment to the custom fabrication & distribution of quality product solutions, value-added services, & highest level of expertise in the industry at competitive prices. Also, we pride ourselves on having a knowledgeable sales team, dedicated & experienced fabricators, & a strong reputation for providing solutions from simple to high-volume orders & high-quality one-off custom work.

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