

Poly-Flo®

PP & HDPE

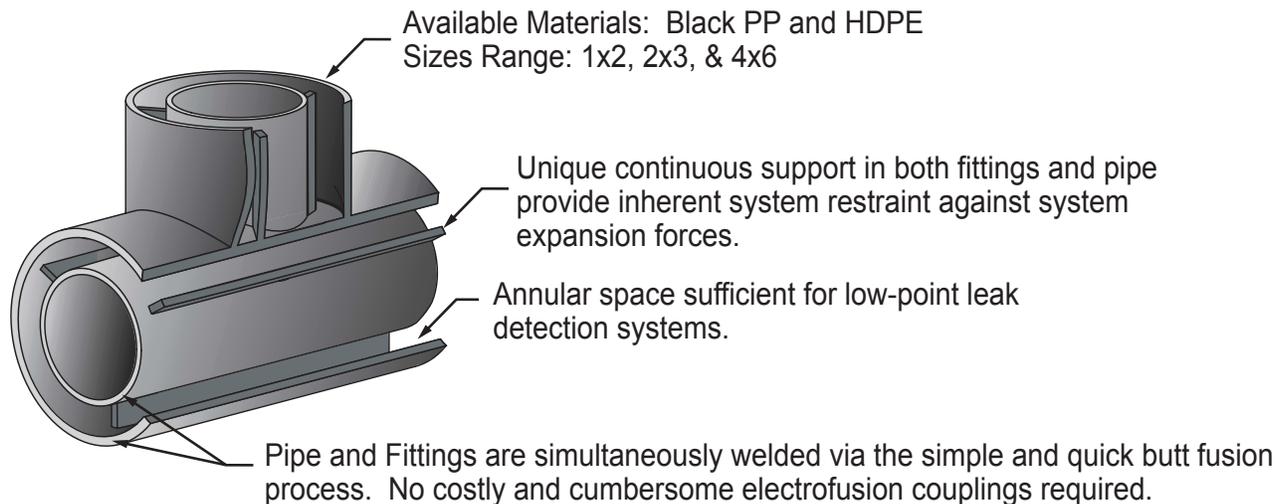
Double Containment

Poly-Flo's unique unitary construction saves time and labor on each project. Low cost and easy installation makes Poly-Flo the ideal system for drainage systems, pressurized transfer lines and industrial applications needing up to 4" carrier pipe.



Typical installations are in waste treatment, carrying sulfuric acid or caustic soda, in chemical processing applications, for bulk storage chemicals such as sodium hydroxide and aluminum nitrite, and in semiconductor plants, handling sulfuric, nitric, and hydrofluoric acids for wet stations.

Poly-Flo® Engineered Design



Why Specify Poly-Flo® Systems

The Poly-Flo System is a unique dual extruded and molded system. All other double containment systems are made from single wall components and then assembled into a double wall configuration. The Poly-Flo System thereby reduces fabrication resulting in significant cost savings. Asahi/America's patented extrusion process locks the pipe together by use of continuous support ribs. This unique process is applied to molding fittings as well. The continuous support provides inherent restraint to expansion forces thus eliminating the requirement of Dogbone fittings in the Poly-Flo System.

Poly-Flo's patented double O-ring flanges allow systems to be efficiently pre-assembled then easily bolted into place in the field.

The Poly-Flo system is available with manual and low point leak detection sensors only. The use of leak detection cable is not possible due to limited annular space.

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Ideal Applications Include:

- For installations with tight space constraints
- Water treatment facilities using multiple chemicals
- For outside applications, due to UV resistance
- For systems where thermal expansion & contraction are present