

Poly-Flo® - Advanced PE & PP-R

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.

Typical Poly-Flo® installations include water and wastewater treatment applications using sulfuric acid, caustic soda and sodium hypochlorite; and chemical processing and semiconductor applications handling sodium hydroxide, aluminum nitrate, and sulfuric and hydrofluoric acid.



Supply Range

Standard Sizes: 1x1-1/2 (32x50mm), 2x3 (63x90mm) and 4x6 (110x160mm), 6x9 (160mmx225mm)

Materials: Proline® PP-R, Advanced PE

Welding Methods:

Simultaneous butt fusion

Staggered butt/induction closer coupling

Features and Benefits

- Unique co-extruded and molded system. In other double containment pipe systems, the inner and outer components are made separately and then assembled into a double wall configuration.
- The carrier and containment pipe have OD consistent with metric dimensions.
- Available with manual and low point leak detection sensors only.

Sample Specification

System shall be Asahi/America's Poly-Flo® PP and Advanced PE co-extruded double containment pipe. System shall meet the pressure and materials requirements of the specifications. Poly-Flo® co-extruded pipe has a carrier pipe rating of SDR11 rated for 150psi at 68°F, and containment pipe rating of SDR17 rated for 90psi at 68°F.

Please consult Asahi/America for expanded product sample specification.

Why Choose Poly-Flo®?

Poly-Flo® pipe and fittings are stocked in our Massachusetts warehouse, which reduces lead times when compared to other double containment piping systems.

Poly-Flo's® smaller profile dimensions are ideally suited for installations that possess tighter space constraints such as chemical rooms, retrofits or narrow pipe trenches.

Poly-Flo® is self-restraining making it ideal for horizontal directional drilling (HDD).

Unitary construction reduces the influence of expansion and contraction typically seen with fabricated systems.

Poly-Flo® Ideal Applications

- Horizontal directional drilling
- Applications where there are fluctuations in temperature
- Installations with tight space constraints
- Chemical piping

