Fluid-Lok® - HDPE

Fluid-Lok® HDPE double containment piping system is available in high density polyethylene and has the widest variety of sizes and wall thickness options. Fluid-Lok® provides a cost-effective piping material with sound engineering design to create a reliable HDPE double wall system for environmental protection. The system is designed around centralizing the carrier pipe inside the containment pipe and locking the two components together. Once inner and outer pipe and fittings are fabricated and locked together, all field welds are performed as in a single wall piping system; inner and outer welds are joined reliably at the same time.

Supply Range

Standard Sizes: 1x3 though 24x32
Materials: PE 4710, PE 3608

Welding Methods:
Simultaneous butt fusion

Features and Benefits

- Homogenous material inside and out, providing equal chemical resistance on the carrier and containment pipe.
- Many leak detection options. Systems can be provided with continuous leak detection cable, low- point sensors, or manual observation ports.
- Custom components can also be supplied for each specific project including:
  - Thermoplastic manholes
  - Double contained valve boxes
  - Observation ports
  - Double contained tanks
  - Custom fittings and assemblies

Sample Specification

System shall be a double containment piping system produced with high density polyethylene on both the product and containment pipe and shall provide the ability to incorporate leak detection as specified. Access tees, pull ropes and low-point instrumentation taps shall be provided as specified by leak detection specifications or contract drawings.

Please consult Asahi/America for expanded product sample specification.

Why Choose Fluid-Lok®?

Available in various SDR combinations to allow cost savings when high pressures are not required (sizes 3x6 and up).

Domestically made HDPE 4710/3608 conforming with Buy American Act requirements.

Fluid-Lok® Ideal Applications

- **Landfill**
- **Ground water remediation**
- **Mining slurry**

ASAHI/AMERICA