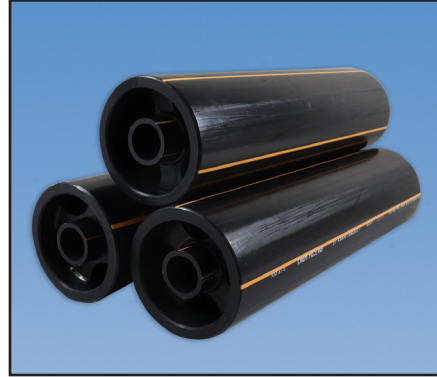


Chem Prolok® - Advanced PE

Chem Prolok® is a revolutionary double wall piping system offered in either Chem Proline® x PE100 or Chem Proline® x Chem Proline®. PE's chemical compatibility is resistant to crack propagation, and the fused system eliminates the need for cement and thread. Chem Prolok® is also highly resistant to sunlight, which allows for above ground installations. Stocking sizes 1x3 through 12x16.



Certified to
NSF/ANSI 61-G

Supply Range

Standard Sizes: 1x3 through 12x16

Materials: Chem Proline® PE x PE100,
Chem Proline® PE x Chem Proline® PE

Welding Methods:

Socket fusion, butt fusion, electrofusion

Features and Benefits

- Superior stress cracking and abrasion resistance.
- High creep rupture strength.
- High pressure load resistance at 150psi at 72°F.
- Wide temperature range (between -40°F - 140°F).
- Exceptional weldability.
- High resistance to chemical attack.
- High impact resistance and ductility.
- Dogbones® provide the option for a compartmentalized system (solid Dogbones®), or a restrained system (restraint Dogbone®).

Sample Specification

Chem Prolok® D/C pipe and fittings shall be made of black polyethylene (PE) resin with a cell classification of PE445584C and shall conform to the material requirements according to PAS 1075. Primary pipe shall be SDR rated to 150psi at 72°F. Secondary pipe shall be SDR 11 rated to ≤150psi or 33 rated to 45psi at 72°F. System shall be joined by socket fusion, butt fusion and/or electrofusion.

Please consult Asahi/America for expanded product sample specification.

Why Choose Chem Prolok®?

Chem Prolok® possesses excellent chemical resistance.

Its UV resistance minimizes the need for a protective covering.

Pressure rated to 150psi, Chem Prolok® resists stress cracking and is abrasion resistant.

Ideal for above or below ground installation.

Chem Prolok® is NSF 61-G certified.

Leak detection cables can be installed in sizes 3x6 and higher.

Chem Prolok® Ideal Applications

- pH range 1-14
- Bleach (sodium hypochlorite)
- Process chemical and waste
- Caustic
- Acids
- Industrial water
- Horizontal directional drilling

