

# Piping

For Consistent Purity Throughout

**Polypropylene** piping systems offer you an excellent, cost effective way to transport high quality water. The systems, made with polypropylene for good chemical resistance, will maintain water in its pure state. Additionally, the slightly pigmented polymer imparts excellent resistance to the pipe from degradation by ultraviolet light.

The pressure rated piping system consists of pipe, fittings and a variety of valves for various configurations. The pipe and fittings are joined by socket heat fusion. The unique interference fit ensures a leakproof joint and smooth interior which will inhibit bacterial growth within the system.

**Polyvinylidene Fluoride (PVDF)**. Ensure the ultimate in water system purity with SYGEF. Made of a fluorocarbon polymer, its combined attributes of strength, purity and compatibility, make it the best material for distribution of high purity water.

The material is 100% PVDF virgin grade polymer and contains no pigments, plasticizers, and antioxidants, or fillers. Purity is enhanced by the total smoothness of the pipe surface interior, inhibiting bacterial growth. The pipe and fittings can be joined in the same manner as the polypropylene, by socket, heat fusion. Bead-and-crevice-free heat fusion is often used with PVDF pipe to provide the smoothest interior surface available for the distribution of high purity-water.



## Polypropylene Standard Features

- Pressure Rating Constant 150 psi at 68°F
- Temperature Limit: -20°F to 200°F

## PVDF Standard Features

- Pressure Rating: Constant 232 psi at 68°F
- Temperature Limit: -40°F to 284°F



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Service and Supplies

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