

Super Proline® - PVDF



Super Proline® piping systems are made from the highest quality suspension grade PVDF resin. Super Proline® is suitable for a wide range of applications with pH range from 1-8 and at temperatures up to 120°C. Super Proline® Type II PVDF resins produced by suspension exhibit better properties than Type 1 PVDF produced by the emulsion process. Super Proline® is the best choice for chemical process applications that typically see varying temperatures. Super Proline® uses fusion joining technology with socket, butt and electrofusion available to meet your application's requirements.

Asahi/America offers a full range of molded fittings and fabricated specialty drainage fittings such as wyes, P-traps, laterals, chemical injection quills and regulator valves.

Supply Range

Pipe and Fittings

- 20 - 315mm (1/2" - 12") SDR 21, 230 psi
- 90 - 400mm (3" - 16") SDR 33, 150 psi

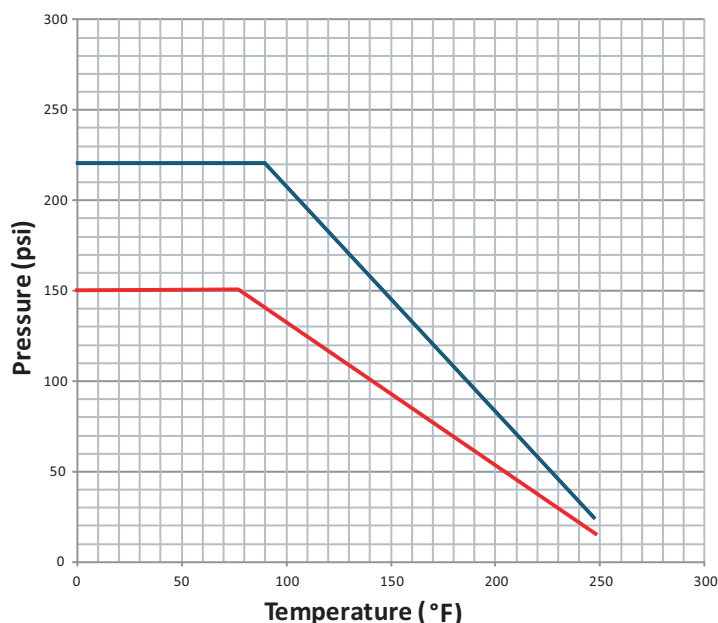
Valves

- Type-21 Ball Valves: 20 - 110mm (1/2" - 4")
- Type-57 Butterfly Valves: 50 - 315mm (1-1/2" - 12")
- Type-14 Diaphragm Valves: 20 - 63mm (1/2" - 4")
- Ball Check Valves: 20 - 110mm (1/2" - 4")
- Frank Series Regulating Valves: 20 - 75mm (1/2" - 2-1/2")

Welding Methods



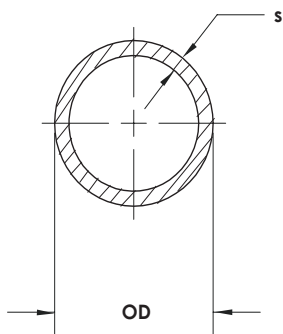
Pressure Rating



SDR Advantage

Standard dimensional ratio provides consistent pressure rating across the entire size range. Super Proline is offered in two thickness ratios: SDR 33 (150 psi) and SDR 21 (230 psi). Substantial cost savings can be realized by supplying SDR33 material starting at Asahi's industry leading smallest diameter of 90mm. For systems requiring only 150 psi, SDR 33 piping and fittings use an astonishing 35 percent less material than SDR 21.

System components such as instruments and valves typically carry less than 230 psi pressure ratings and therefore savings can be immediately experienced by engineering your system with equal pressure ratings.



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Super Proline® Ideal Applications

-93-98% Sulphuric Acid
-High Temperature Fluid Transfer
-Acids

