PURAD
PVDF Piping

Ultra High Purity PVDF Piping System

Purad® UHP PVDF is the premier product for high purity water systems. The SOLEF™ PVDF resin we carefully selected and our stringent clean room manufacturing process provides the cleanest piping material available. Purad® is the best choice for systems with critical requirements for water quality and the prevention of product manufacturing impacts.

Purad® is the only system with a complete range of fittings in the thin wall SDR33 (150psi) for 3" and 4" (90mm and 110mm) sizes. This option provides a significant cost savings for Asahi/America customers.

Supply Range

Pipe and Fittings
- 20 - 315mm (1/2" - 12") SDR21, 230psi
- 90 - 315mm (3" - 12") SDR33, 150psi

• Valves
- T-342 diaphragm valves: 20 - 110mm (1/2" - 4")
- T-343 zero dead leg (ZDL) valves: 20 - 110mm (1/2" - 4")
- Type-21 ball valves: 20 - 110mm (1/2" - 4")
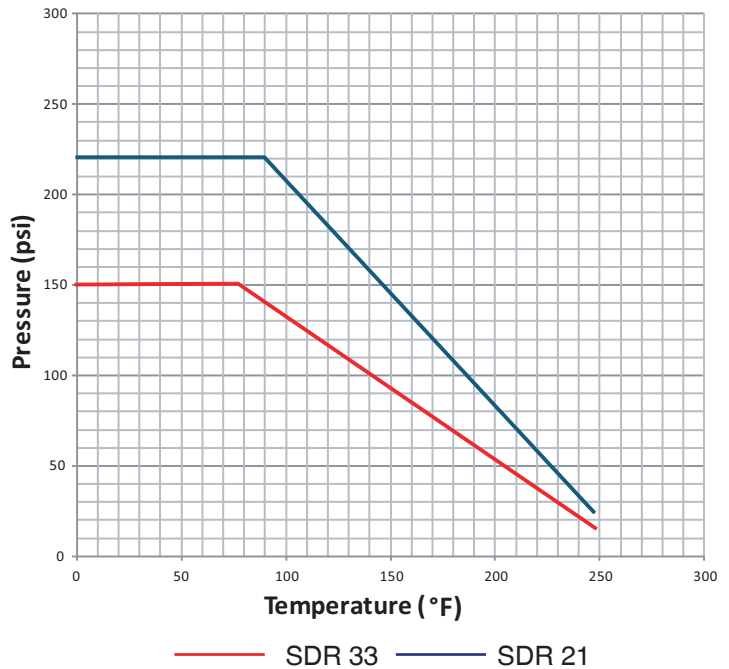- Frank series regulating valves: 20 - 75mm (1/2" - 2-1/2")

Seals and O-rings
- Diaphragm valves and regulators: PTFE
- Ball valves and unions: FKM (PTFE available)

Welding Methods

Pressure Rating

Resin & Manufacturing

At the core of the Purad® system is its resin. Purad® is a high purity system employing a consistent single resin for all of its pipe, fittings, valves and raw material. Utilizing only high purity grades of Solvay Polymer's SOLEF™ 1000 series resins, Purad® provides unmatched quality and low leachouts. Absolutely no stabilizers, additives or processing agents are used during production.

Purad® pipe, fittings and valves are extruded and molded and under ISO Class V (Class 100) conditions in AGRU's cutting edge Plant 5. The fittings are cleaned in an automated bath system. Fittings and valves are double bagged in anti-static and anti-tear bags. The pipe receives three layers of purity protection consisting of end sleeves and caps, full bagging, and an outer PE tube. The outer PE tube protects from shipping damage and may be wiped clean for storage in clean areas.

Pipe sizes 20 - 32mm (1/2" - 1") are bagged in multiple lengths per bag.

ASAHI/AMERICA®
Your Experts in Plastics™