

PolyPure™ Natural PP Piping System



PolyPure™ Natural Polypropylene systems provide excellent high purity performance and cost effective installation. PolyPure™ systems are specified and installed with confidence for a variety of high purity applications including USP Purified Water, Institutional Laboratory, Deionized Water and RO Water Systems.

PolyPure is fully pressure rated to 150 psi across the entire size range and does not derate in larger diameters like competitive systems.

Supply Range

Pipe and Fittings

- 20 - 110mm (1/2" - 4") SDR11, 150 psi

Valves

- T-342 Diaphragm Valves: 20 - 63mm (1/2" - 2")
- T-343 Zero Dead Leg (ZDL) Valve: 20 - 63mm (1/2" - 2")
- Ball Valves: 20 - 63mm (1/2" - 2")
- 3" and 4" Valves: Only available in PP

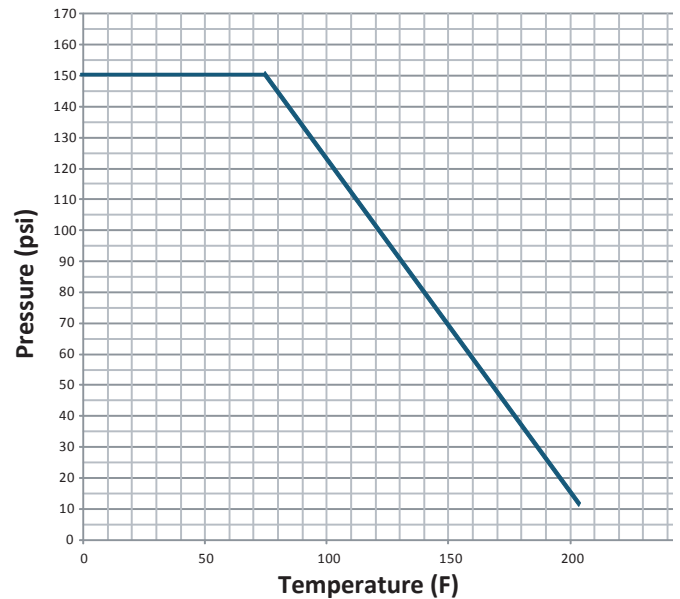
Seals and O-rings

- Diaphragm Valves and Regulators: EPDM or PTFE
- Ball Valves and Unions: FKM (PTFE and EPDM available)

Welding Methods



Pressure Rating



Resin & Manufacturing



The PolyPure™ system uses a virgin, natural random copolymer polypropylene resin (PPr) for its pipe, fittings and valves. PolyPure™ pipe and fittings are extruded and molded in stringent Class 100 cleanroom facilities. The parts are cleaned in

an automated six phase hot UPW system. Fittings are single bagged. The pipe is capped and single bagged.

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

