

POLYPURE[®] Natural PP-R 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 150psi 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, 150psi

Valves

- T-342 diaphragm valves: 20 - 63mm (1/2" - 2")
- T-343 zero dead leg (ZDL) valves: 20 - 63mm (1/2" - 2")
- Ball valves: 20 - 63mm (1/2" - 2")
- 3" and 4" valves: Only available in PP

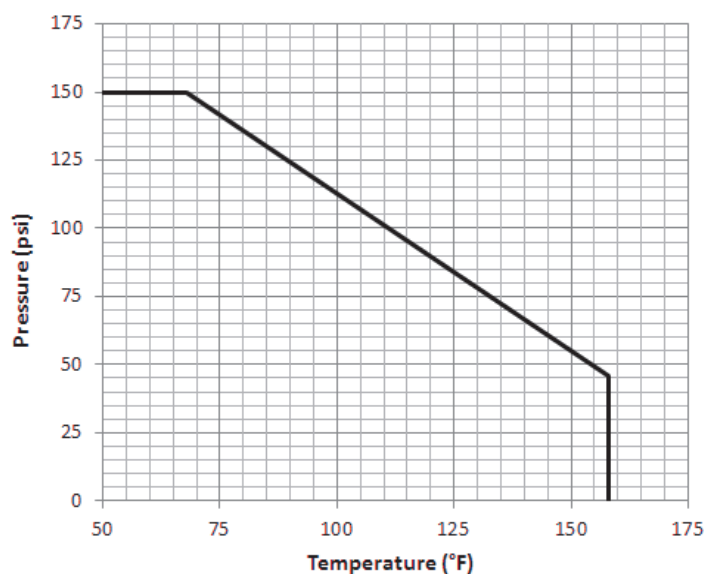
Seals and O-rings

- Diaphragm valves and regulators: EPDM or PTFE
- Ball valves and unions: FKM (PTFE and EPDM available)

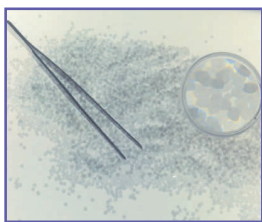
Welding Methods



Pressure Rating



Resin & Manufacturing



The PolyPure[®] system uses a virgin, natural random copolymer polypropylene resin (PP-R) 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.

