

## Proline® - Polypropylene (PP)



Certified to NSF/ANSI 61-G

NSF-61-G Approved

Proline® piping systems are made from the highest quality polypropylene resins. Proline® is suitable for a wide range of applications with a pH range from 1 to 14 and at temperatures over 140°F. Proline® copolymer resins exhibit better properties than homopolymer polypropylene. As such, Proline® is the best choice for process waste drains that typically see varying media and temperatures. Proline® uses fusion joining technology with socket, butt or electrofusion. Asahi/America offers a full range of molded fittings and fabricated specialty drainage fittings such as wyes, p-traps, laterals.

**Ideal applications:** pH range 1-14, Process Chemical and Waste, Caustic, Acids, Industrial Water

### Supply Range

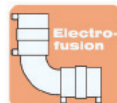
#### Pipe and Fitting

- 20mm - 500mm (1/2" - 20") SDR 11, 150psi
- 90mm - 1200mm (3" - 48") SDR 33, 45psi

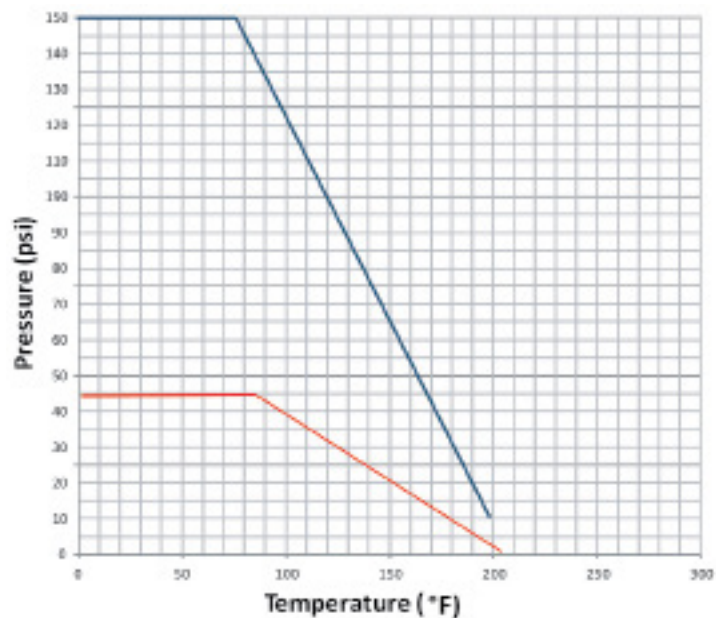
#### Valves

- Type-21 Ball Valves:  
20mm - 110mm (1/2" - 4")
- Type-57 Butterfly Valves:  
50mm - 1400mm (1-1/2" - 55")
- Type-14/15/G Diaphragm Valves:  
20mm - 200mm (1/2" - 10")
- Ball Check Valves:  
20mm - 110mm (1/2" - 4")
- Frank Series Regulating Valves:  
20mm - 110mm (1/2" - 4")

#### Welding Methods

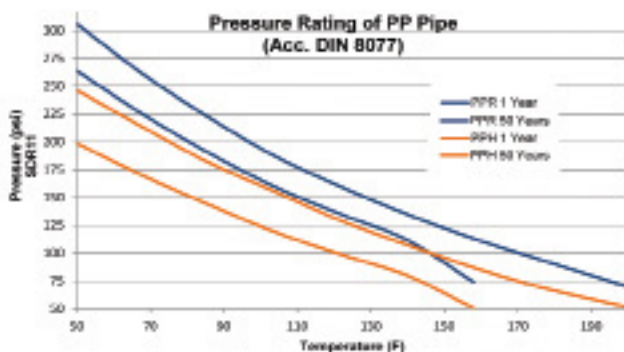


### Pressure Rating



— SDR 33 — SDR 11

### Resins



All resins used for Proline® pipe are b nucleated (PP-beta) resin.

Asahi/America's Proline® PP utilizes the best materials throughout the entire product size range. Proline® is produced with random copolymer resin in sizes 20mm - 500mm (1/2" - 20"), SDR 11 pipe and homopolymer resin in sizes greater than 500mm (20"), and all sizes in SDR 17 and 33.

Random copolymer resin exhibits higher weld strength, impact resistance and faster relaxation due to lower modulus of elasticity.

