

# Super Proline

Natural Polyvinylidene Fluoride (PVDF)

Chemical Piping System

REV:IN0512PV



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**Material** ASTM D3222 Type II Suspension grade homopolymer Resin shall comply with FDA Code of Federal Regulators (CFR), Title 21, Chapter 1: Section 177.1520 determining suitability for contact with foodstuff. Resin shall exceed United States Pharmacopeia (USP) Class VI testing requirements.

**Pipe Production** Dimensions and tolerances shall exceed ISO 10931 requirement.

**Fitting Production** Dimensions and tolerances shall exceed ISO 10931 requirement. Fittings shall be molded with a central injection gate.

**Pressure Rating** Pipe shall be pressure rated in accordance with ASTM D2837 and DIN 8077 for hydrostatic design basis. Pipe shall be manufactured to standard dimensional ratio (SDR) 21 and 33 and others upon request.

Based on continuous service life of 50 years at 68F (20C).

SDR21: 230psi (PN16)

SDR33: 150psi (PN10)

PN = Nominal pressure in bar.

**Joining** Available methods shall be according to the schedule below  
DVS 2208-1 Socket: 1/2" (20mm) through 2" (63mm)  
DVS 2207-15 Contact Butt: 1/2" (20mm) through 4" (110mm)

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