

Proline

Pigmented Polypropylene (PP)

Chemical Piping System

REV:IN0512PP



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Material ASTM D4101 Group 2, Class 1 pigmented polypropylene random copolymer resin 16" (400mm) and under. Resin shall comply with FDA Code of Federal Regulations (CFR), Title 21, Chapter 1: Section 177.1520 determining suitability for contact with foodstuff.

Pipe Production Dimensions and tolerances shall exceed ISO 15494 requirement.

Fitting Production Dimensions and tolerances shall exceed ISO 15494 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) 11, 17, 33 and others upon request.

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

SDR11: 150psi (PN10)

SDR17: 90psi (PN6)

SDR33: 45psi (PN3)

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 2207-11 Contact Butt: 1/2" (20mm) through max product size

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