

Chem Proline

Black Polyethylene (PE)

Piping System

REV:IN0717PE



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Material ASTM D3350 cell classification PE445584C. Resin shall comply with FDA Code of Federal Regulators (CFR), Title 21, Chapter 1: Section 177.1520 determining suitability for contact with foodstuff.

Pipe and fittings are certified to NSF 61-G.

Pipe Production Dimensions and tolerances shall exceed ISO 15494 requirement.

Fitting Production Dimensions and tolerances shall exceed ISO 15494 requirement.

Pressure Rating Components shall be pressure rated in accordance with ASTM D2837 and DIN 8077 for hydrostatic design basis. Components shall be manufactured to standard dimensional ratio (SDR) 7 & 11.

Based on continuous service life of 50 years at 68F (20C).
SDR11: 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 4" (110mm)
DVS 2207-1 Contact Butt: 1" (32mm) through max product size

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