

# Poly-Flo® PE

Black Polyethylene (PE)

Piping System

REV:EN0214PFPE



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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 Production** Dimensions and tolerances shall exceed ISO 15494 requirement.

**Fitting Production** Dimensions and tolerances shall exceed ISO 15494 requirement.

**Pressure Rating** Pipe shall be pressure rated in accordance with ASTM D2837 and DIN 8077 for hydrostatic design basis. Carrier pipe shall be manufactured to standard dimensional ratio (SDR) 11. Containment pipe shall be manufactured to SDR 17.

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

SDR11: 150psi (PN10)

SDR17: 90psi (PN6)

PN = Nominal pressure in bar.

**Joining** Available methods shall be according to the schedule below  
DVS 2207-1 Contact Butt: Complete size range  
DVS 2207-6 Non Contact IR: Complete size range

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