

Poly-Flo® PE

Black Polyethylene (PE)

Piping System

REV:EN1215PFPE



VALVES • ACTUATORS • HIGH PURITY PIPING • INDUSTRIAL PIPING • ENVIRONMENTAL PIPING • WET PROCESS SOLUTIONS

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.

Unitary Co-Extrusion Design: All Poly-Flo Double-Wall piping shall be unitary co-extruded design. Both primary and secondary walls pass through the extruder die simultaneously along with inner-connecting ribs that extend the length of the pipe in the interstitial space between the pipes. The ribs completely restrain the two walls together and center the two pipes.

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; water at 68°F (20°C).

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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