

Submittal for Industrial Plus PVC Schedule 80 Pipe & Fittings

Date _____

Job name _____

Location _____

Engineer _____

Contractor _____

Scope

This specification covers Industrial Plus Schedule 80 PVC pipe and fittings, 1/8" – 24", manufactured of Rigid Poly (Vinyl Chloride) (PVC). Industrial Plus Schedule 80 PVC is intended for use at temperatures up to and including 140°F (60°C). To ensure compatibility, all pipe, valves, and fittings shall be manufactured and supplied by GF Piping Systems.

Materials

All pipe materials shall be PVC Type I, Grade I, with a cell classification of 12454 per ASTM D1784. All fitting materials shall be PVC with a cell classification of 12424 per ASTM D1784. All compound components shall be listed with NSF and meet the requirements of NSF Standard 61 as suitable for potable water.

All PVC Schedule 80 pipe shall meet the requirements of ASTM D1785. All pipes shall be listed with the National Sanitation Foundation (NSF) under Standards 14 & 61 for potable water applications. Any threaded PVC Schedule 80 pipe shall meet the requirements of ANSI B1.20.1.

All PVC Schedule 80 socket fittings shall meet requirements of ASTM D2467. All PVC Schedule 80 threaded fittings shall meet the requirements of D2464. All fittings shall be listed with the National Sanitation Foundation (NSF) under Standards 14 & 61 for potable water applications.

Installation

Installation and testing shall be performed in accordance with applicable code requirements, manufacturer's recommendations, and solvent cement manufacturer's written instructions. **WARNING!** NEVER use or test Industrial Plus PVC pipe, valves, and fittings with compressed air or other gases or test with a combination of compressed gases or air with water or fluids.

Referenced & Additional Standards

ASTM D 1784: Rigid PVC Compounds and CPVC Compounds
ASTM D2467: Standard Specification for PVC Plastic Pipe Fittings, Schedule 80
ASTM D2464: Standard Specification for Threaded PVC Plastic Pipe Fittings, Schedule 80
CSA Standard B137.3: Rigid PVC Pipe for Pressure Applications
CAN/ULC S102.2: Flame Spread Rating 0-25
ISO 9001 Certified Manufacturer
ASTM F1970: Special Engineered Fittings, Appurtenances or Valves
NSF Standard 14: Plastic Piping System Components and Related Materials
NSF Standard 61: Drinking Water System Components-Health Effects
REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals
RoHS: Restriction of Hazardous Substances
BABAA: Build America, Buy America Act

