



Specification CPVC Schedule 80 Pipe and Fittings

Scope:

This specification covers the manufacturer's requirements for CPVC Schedule 80 pipe and fittings manufactured of Rigid Chlorinated Poly (Vinyl Chloride) (CPVC). All pipe, valves and fittings shall be as manufactured and supplied by Georg Fischer Piping Systems.

Materials:

All pipe materials shall be CPVC Type IV, Grade I, with a cell classification of 3447 per ASTM D1784. All fitting materials shall be CPVC with a cell classification of 23447 per ASTM D1784. All compound components shall be listed with NSF and meet the requirements of NSF Standard 61 as suitable for potable water.

Pipe:

All CPVC Schedule 80 pipe shall meet the requirements of ASTM F441. All pipes shall be listed with NSF under Standards 14/61 and shall carry the NSF seal for Potable Water. Any threaded CPVC schedule 80 pipe shall meet the requirements of ANSI B1.20.1 and threading shall be accomplished with pipe dies specifically designed for use with plastic pipe.

Fittings:

Socket: All CPVC Schedule 80 fittings shall meet requirements of ASTM F439.

Threaded: All CPVC Schedule 80 threaded fittings shall meet the requirements of ASTM F437.

All fittings shall be listed with NSF under standards 14/61 and shall carry the NSF seal for Potable Water.

Installation:

Installation and testing shall be in accordance with accepted engineering and installation practices as noted in the Georg Fischer Piping Systems Technical Manual as well as the solvent cement manufacturer's written instructions. To ensure compatibility, all pipe, valves and fittings shall be manufactured and supplied by Georg Fischer Piping Systems.

***** CAUTION *****

Do not test with Air or Air over Water.