

SUBMITTAL FOR CHARLOTTE PIPE® CORZAN® CPVC SCHEDULE 80 PIPE

Date: _____

Job Name: _____

Location: _____

Engineer: _____

Contractor: _____

► Scope:

This specification covers CPVC Schedule 80 pipe for pressure applications. This system is intended for pressure applications where the operating temperature will not exceed 200°F.

► Specification:

Pipe shall be manufactured from virgin rigid CPVC (chlorinated polyvinyl chloride) vinyl compounds with a cell class of 24448, as identified in ASTM D 1784.

CPVC Schedule 80 pipe shall be Iron Pipe Size (IPS) conforming to ASTM F 441. All pipe shall be manufactured in the United States. Pipe shall conform to NSF International Standard 61 and 14.

► Installation:

Installation shall comply with the latest installation instructions published by Charlotte Pipe and Foundry and shall conform to all applicable plumbing, fire, and building code requirements. Buried pipe shall be installed in accordance with ASTM F 1668. Solvent cement joints shall be made in a two-step process with primer conforming to ASTM F 656 and solvent cement conforming to ASTM F 493. The system shall be protected from chemical agents, fire-stopping materials, thread sealant, plasticized-vinyl products or other aggressive chemical agents not compatible with CPVC compounds. The system shall be hydrostatically tested after installation. **WARNING!** Never test with or transport/store compressed air or gas in CPVC pipe or fittings. Doing so can result in explosive failures and cause severe injury or death.

► Referenced Standards:

ASTM D 1784: Rigid Vinyl Compounds
ASTM F 441: CPVC Plastic Pipe, Schedule 80
ASTM F 493: Solvent Cements for CPVC Pipe and Fittings
ASTM F 656: Primers for PVC Pipe and Fittings
ASTM F 1668: Procedures for Buried Plastic Pipe
NSF Standard 14: Plastic Piping Components & Related Materials
NSF Standard 61: Drinking Water System Components—Health Effects

PIPE REFERENCE GUIDE

Product	Sizes Available										
	½	¾	1	1¼	1½	2	2½	3	4	6	8
CPVC Schedule 80	•	•	•	•	•	•	•	•	•	•	•



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