

PART 208 – POLYVINYL CHLORIDE (PVC) PIPE, SEWER SERVICE

- 208.1 Where polyvinyl chloride (PVC) pipe 8 inches in diameter through 15 inches in diameter, fittings and inline tees are specified or required for sewer service, it shall conform to and be tested in accordance with the current edition of ASTM D3034, Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings, for standard dimensional ratio (SDR) of 26. Minimum pipe stiffness for all sizes shall be 115 psi.
- 208.2 Where polyvinyl chloride (PVC) pipe 18 inches in diameter through 48 inches in diameter is specified or required for sewer service it shall conform to and be tested in accordance with ASTM F679, Polyvinyl Chloride (PVC) Large Diameter Plastic Gravity Sewer Pipe and Fittings Minimum pipe stiffness shall be 115 psi.
- 208.3 The PVC sewer pipe shall be supplied in 12.5-foot or 20-foot laying lengths as specified.
- 208.4 Where it is necessary to connect PVC sewer pipe to ductile iron pipe and AWWA C110 long body solid sleeve shall be used with a special gasket for the PVC pipe. Flexible couplings will not be permitted.
- 208.5 Where PVC sewer pipe is being installed, the fittings for the service line and the in-line tees and risers for future service connections shall be of the same material as the mainline, manufactured and specifically designed for connection to Schedule 40 PVC service lines.
- 208.6 The manufacturer shall maintain quality control through regularly scheduled testing in accordance with all referenced ASTM standards. Testing for flattening and the pipe stiffness shall be performed on one test specimen for each size and class of pipe produced for the project. Manufacturers shall furnish certifications that the material was manufactured, sampled, tested, and inspected in accordance with all applicable specifications. The certifications shall indicate the manufacturer's production code from which the plant location, machine, and date of manufacture can be identified.