

# Sanitary Sewers Piping Specification - PVC

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## PRESSURE-TEMPERATURE RATINGS (0.000" Corrosion Allowance)

Temp.C	23 to 60	Max. Hydro.
Temp.F	73 to 140	Test Press.
Press. psig	Gravity	5psi minimum hydro

## PIPE MATERIAL PVC

SERVICE  
Sanitary Sewers (1)

FLOW COEFFICIENT C=150 (Hazen-Williams)

## INSTALLATION METHODS

Installation of PVC is to manufacturers recommendations and local plumbing, building and fire code requirements. Solvent cement joints shall be made in a two step process with primer manufactured for thermoplastic piping systems and solvent cement conforming to ASTM D 2564.systems

PIPE (1,3,4) 1/2 to 8 Schedule 40/DWV PVC pipe manufactured from virgin rigid PVC (polyvinyl chloride) vinyl compounds per ASTM D 1784, Cell Class 12454. Pipe to be Iron Pipe Size (IPS) conforming to ASTM D 1785.

FITTINGS 1/2 to 8 PVC DWV fittings manufactured from virgin rigid PVC (polyvinyl chloride) vinyl compounds per ASTM D 1784, Cell Class 12454. Molded fittings to be Iron Pipe Size (IPS) conforming to ASTM D 2466.

FLANGE ADAPTER 1/2 to 8 Flange Adapter, CL125# FF Flange. S/80 PVC only.

## NOTES

- 1) PVC systems not recommended for systems that transport or store compressed air or gasses.
- 2) Operating pressures to be reduced for operating temperatures above 73.4°F. Correction factors as follows: 80°F - .88; 90°F - .75; 100°F - .62. See manufacturer's tables for higher temperatures.