


CHARLOTTE
PIPE AND FOUNDRY COMPANY

System: Service Cast Iron Soil Pipe and Fittings

Scope: This specification covers Service Cast Iron pipe, fittings, and compression gaskets used in sanitary drain, waste, and vent (DWV), sewer, and storm drainage applications. This system is intended for use in non-pressure applications.

Specification: Service Cast Iron pipe and fittings shall be manufactured from gray cast iron with a tensile strength of not less than 21,000 psi. Compression gaskets shall be manufactured from an elastomer meeting the requirements of ASTM C 564.

Pipe and fittings shall comply with ASTM A 74. Compression gaskets shall comply with ASTM C 564. All pipe and fittings shall be made in the United States, and marked with the collective trademark of the Cast Iron Soil Pipe Institute, ®, and listed by NSF® International. All pipe and fittings shall be of the same manufacturer. All systems shall utilize a separate waste and vent system.

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. Joints shall be made with an elastomeric compression gaskets meeting the requirements of ASTM C 564 or lead and oakum. The system shall be hydrostatically tested after installation to 10 ft. of head (4.3 psi maximum). **WARNING!** Never test with or transport/store compressed air or gas in Cast Iron pipe or fittings. Doing so can result in explosive failures and cause severe injury or death.

Referenced Standards:

ASTM A 74 Cast Iron Soil Pipe and Fittings
ASTM C 564 Rubber Gaskets for Cast Iron Soil Pipe and Fittings
Note: Latest revision of each standard applies.