

drawings shown, sound, free from cracks, sandholes, blow-holes and cold shuts. No filling with metal, cement or other material, or burning on of iron to be permitted.

The inside diameter of the barrel shall not be less than one-eighth of an inch less than the normal size of same. The wall thickness shall be uniform showing no greater variation than 1-32 inch in "X.H." pipe and 1-64 inch in "Med" pipe and at hub and spigot ends to present a true circle.

The bore shall be smooth, free from fins, ridges and adhering sand and except for unavoidable irregularities the full nominal bore must be maintained.

The iron used in their construction to be of such a quality as will admit of easy cutting with file or chisel. All pipes and fittings shall be thoroughly coated inside and outside with coal tar, pitch or oil and shall have the manufacturer's name or trademark, and whether "Med" or "X.H." clearly stamped on hub thereof.

51. Wrought iron and steel pipe shall be not less than the minimum weight per lineal foot set forth in the following table:—

Wrought iron
and steel pipe.

Diameter of pipe	Weight per lineal foot
1¼ inches	2.24 pounds
1½ inches	2.68 pounds
2 inches	3.61 pounds
2½ inches	5.74 pounds
3 inches	7.54 pounds
3½ inches	9.00 pounds
4 inches	10.66 pounds
4½ inches	12.49 pounds
5 inches	14.50 pounds
6 inches	18.76 pounds
7 inches	23.27 pounds
8 inches	28.16 pounds
9 inches	32.70 pounds
10 inches	40.00 pounds

52. All wrought iron and steel pipe shall be galvanized inside and outside. Fittings for wrought iron or steel vent pipes may be either cast or malleable iron steam or water fittings. All fittings for waste or soil pipes and rain water leaders shall be of heavy cast iron, recessed and threaded drainage fittings, with smooth interior water way, and threads tapped so as to give a uniform grade to branch pipes of at least one-fourth inch per foot, and shall be true to drawings shown. All fittings for wrought iron or steel waste, soil or vent pipes shall be galvanized or asphalted.

53. All brass pipe used for soil, waste or vent pipes shall be thoroughly annealed, seamless, drawn tubing having not less than the outside diameter, weight, thickness and gauge set forth in the following table.

Brass pipe,
etc.