

CHAPTER 3.09 DUCTILE IRON PIPE FITTINGS

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3.09.005 SCOPE. This Chapter applies to the furnishing and installation of Ductile Iron Pipe Fittings.

3.09.010 DUCTILE IRON FITTINGS. Fittings shall be of the short body design and shall meet AWWA C-153. and shall have mechanical rubber gasket type joints. Fittings inside structures or where otherwise noted on the Drawings shall be ASA Class 125 flanged design with full face rubber gaskets.

3.09.015 COATINGS FOR DUCTILE IRON PIPE AND FITTINGS. All exterior surfaces of pipe and fittings shall be coated with hot coal tar as specified in the Proposed American Standard Specifications for Coal Tar Dip Coatings for Ductile Iron Pipe and Fittings.

3.09.020 HANDLING DUCTILE IRON FITTINGS. Fittings shall be handled in such a manner as to insure installation in sound, undamaged condition. Particular care shall be taken not to injure the pipe coating.

A. All damaged pipe coating shall be repaired prior to laying the pipe or placing the backfill. Repair shall be accomplished by removing all damaged coating, wire-brushing to exposed metal, and applying two (2) coats of coal tar coating of a type and quality equal to that used originally in coating the pipe.

3.09.025 INSTALLATION. All Ductile iron fitting materials placed may be wrapped, at the direction of the City Engineer, with a plastic liner the entire length of the pipeline materials, including all fittings and valves, in accordance with Section 3.08.040 of this Title. This shall be completed in order to provide the necessary cathodic protection.