

Ductile Iron Pipe Fittings

Description

Standard

- DI fittings – ISO 2531-1998/EN 545 – 2006
- Flanges – ISO 7005-2/EN 1092-2
- Cement Mortar Lining – ISO 4179
- Metallic zinc with Bitumen – ISO 8179-1/ BS 3416

Material

- Ductile Iron – K9 (Socket – Push on, Spigot, Flanged Ends)

Application

The above fittings are used to connect pipes or valves in the network.

Specification

- ✓ Fittings shall be truly circular of uniform thickness.
- ✓ Flexible Joint shall be spigot and socket “push on” type suitable for angular deflection in any direction and capable of axial movement. Flanged fittings shall be used when connecting to valves or other special fittings.
- ✓ Raised Face Flanges. Rotatable Flanges up to DN 600
- ✓ All flanged fittings and internal surface of socket bell shall be painted with non-toxic solvent-free two part fusion bonded epoxy coating applied to a minimum DFT of 300 microns.
- ✓ Fittings internally lined in accordance with ISO 4179 with sulphate resisting blast furnace slag cement mortar.
- ✓ Fittings are externally coated with metallic zinc to ISO 8170-2 and a finishing layer of black bituminous coating layer to BS 3416 with a minimum DFT of 100 micron except flanged fittings which will be fusion bonded epoxy coated.