C110 DUCTILE IRON FLANGED FITTINGS

BASIC SPECIFICATIONS

SIZES: • 2” - 64”

MATERIAL: • Ductile Iron ASTM A536 Grade 60-42-10, 65-45-12 or 70-50-05.

PRESSURE: • 250 PSI Water Working Pressure for Ductile Iron sizes 2” - 48”.
• 150 PSI Water Working Pressure for Ductile Iron sizes 54” - 64”.

TESTING: • In accordance with ANSI / AWWA C110 / A21.10 where applicable.
• Other items are in accordance with manufacturer’s standards.
• 54” and above Flanged Fittings are manufactured as per AWWA C153/A21.53.
• All fittings are hydrostatically tested in accordance with SIGMA Quality Management Standard.
• All fittings are heat coded to ensure traceability and verification of metallurgical properties in accordance with SIGMA Quality Management Standards.

LAYING LENGTH: • In accordance with ANSI / AWWA C110 / A21.10 where applicable.
• Other items are in accordance with manufacturer’s standards.
• 54” and above Flanged Fittings are manufactured as per AWWA C153/A21.53.

CEMENT LINING: • Double cement lined in accordance with ANSI/AWWA C104 / A21.4.

COATING: • Interior of fitting is seal coated (asphalt material) in accordance with ANSI / AWWA C104/A21.4 and NSF61 approved.
• Red Primer Outside.
• For special conditions, other types of coatings and linings are available.
• Please specify when ordering.

GASKETS: • SBR in accordance with ANSI/AWWA C111/A21.11 & ANSI/AWWA C111/ A21.11.
• Also available in EPDM, NBR and CR.

APPROVALS: • 2”-16” Underwriters Laboratories listed and Factory Mutual Approved.

STANDARDS: • Certified to NSF61 Standard including Annex G & 372.
• ANSI / AWWA C110 / A21.10 Where applicable.
• Other items are in accordance with manufacturer’s standards.
• 54” and above Flanged Fittings are manufactured as per AWWA C153/A21.53.

INSTALLATION: • Per ANSI/AWWA C600 and C111 using DIP conforming to C150/C151 and PVC pipe conforming to C900/C905.