SIGMA™

Quality – Service – Commitment – Delivered.

FUSION BONDED EPOXY COATED C110 DUCTILE IRON PUSH-ON FITTINGS

FUSION BONDED EPOXY COATED C110 DUCTILE IRON FULL PUSH-ON FITTINGS

BASIC SPECIFICATIONS

SIZES:
- 4” - 24”

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

PRESSURE:
- 350 PSI Water Working Pressure 4” - 24”

TESTING:
- In accordance with ANSI/AWWA C110/A21.10
- In accordance with UL - FM requirements.
- 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.

DEFLECTION:
- Up to 5 degrees, in accordance with TYTON JOINT bell design.

COATING:
- SIGMA FBE Coated Fittings are NSF/ANSI/CAN 61 and NSF/ANSI 372 approved for potable water applications. The Epoxy Coated Fittings meet or exceed ANSI/AWWA C116/A21.16 and C550 standards (Protective Fusion-Bonded Epoxy Coatings for the Interior and Exterior surfaces of Ductile-Iron and Gray-Iron fittings for water supply service).
- FBE coated fittings of SIGMA are available from 2” to 48” in accordance with ANSI/AWWA C110/A21.10.

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

JOINT:
- TYTON JOINT design

APPROVALS:
- 4”-16” Underwriters Laboratories listed and Factory Mutual Approved.

STANDARDS:
- Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372.
- ANSI/AWWA C110/A21.10 for Full Body Ductile Iron Push-On Fittings for water and other liquids.

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

FM APPROVED

Member

Certified to NSF/ANSI/CAN 61 and NSF/ANSI 372