

## SIGMASAFE SUPERIOR EXTERNAL COATING FOR C110 DUCTILE IRON PUSH-ON FITTINGS

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#### 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:**
- **SIGMASAFE** coated Ductile Iron Fittings provide the benefits of a zinc rich primer coating with the added benefits of a barrier top coating.
  - Tnemec Series 94H20 Hydro-Zinc primer provides a zinc layer for protection of the substrate and is ANSI/NSF Std. 61 Certified.
  - Tnemec Series 22 Epoxoline Finish Coat is an Modified Polyamine Epoxy that is ANSI/NSF Std. 61 Certified. The Finish is comparable to other durable barrier coatings such as Fusion Bonded Epoxy and provides a hard slick finish.
- 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 NSF61 Standard including Annex G & 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.