## SIGMASAFE SUPERIOR EXTERNAL COATING FOR C153 DUCTILE IRON 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 C153/A21.53.
- In accordance with UL - FM requirement.
- 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:**
- Short body design - straight section of body deleted to provide a compact and lighter fitting without reducing strength or flow characteristics.
- In accordance with ANSI/AWWA C153/A21.53.

**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.

**JOINT:**
- TYTON JOINT® push-on bell joint design, manufactured by SIGMA under license from the United States Pipe and Foundry Company.

**APPROVALS:**
- 4”-12” Underwriters Laboratories listed and Factory Mutual Approved.

**STANDARDS:**
- Certified to NSF61 Standard including Annex G & 372.
- ANSI/AWWA C153/A21.53 for Compact Ductile Iron Fittings 2”-64” 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.