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

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

COATING: • Interior of fitting is seal coated (asphaltic material) in accordance with ANSI AWWA C104/A21.4 and NSF61 approved.
• Exterior of fitting is seal coated (asphaltic material) in accordance with ANSI/AWWA C153/A21.53 and NSF61 approved.

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.