



**SIP Industries**  
Quality Manufacturer Since 1960

**Certificate of Compliance : Compact Push-On Fittings AWWA C153**

Date

SIP certifies that our 2” – 24” Ductile Iron Compact Push on Fittings and accessories are designed, manufactured, and distributed as per the Waterworks industry standards. All castings are tested and traceable by casting markings to the below standards. Please refer to our website [www.sipindustries.com](http://www.sipindustries.com) for up to date product data and technical advisories.

**Conformances**

- ANSI/AWWA C153/A21.53 – Ductile-Iron Compact Fittings for Water Service
- ANSI/AWWA C115/A21.15 – Flanged Ductile-Iron Pipe with Ductile Iron or Gray-Iron Threaded Flanges
- ANSI/AWWA C104/A21.4 – Cement-Mortar Lining for Ductile-Iron Pipe & Fittings
- ANSI/AWWA C116/A21.16 – Protective Fusion-Bonded Epoxy Coatings for the Interior and Exterior Surfaces of Ductile-Iron and Gray-Iron Fittings
- ANSI/AWWA C111/A21.11 – Rubber-Gasket Joints for Ductile-Iron Pressure Pipe Fittings
- TRIM TYTON® push-on bell joint design, manufactured by SIP Industries, under license from US Pipe
- TRIM TYTON® is a registered trademark of United States Pipe and Foundry Company, LLC.

- Fittings** : Ductile Iron per ASTM A536, Grade 65-45-12
- Gaskets** : Gasket material composition: Standard - SBR (Buna-S)
- Fasteners** : Hydrant Swivel M.J. T-Bolts & Nuts: High Strength-Low Alloy ASTM A242 Steel  
Flanged Hex Bolts & Nuts: ASTM A307 Carbon-Steel Grade B  
Optional Fluoropolymer coating available  
Optional Type 304 or 316 Stainless Steel Bolts & Nuts available
- Coatings** : Fitting cement mortar lining: Cement lining material: ASTM C150, Type II ‘Portland’ Cement.  
Fitting seal coat, interior and exterior are bituminous asphaltic paint  
Optional Fusion Bonded Epoxy (FBE) coating.  
Optional Zinc Underlay Coating: 99.9% Metallic Zinc applied per ISO 8179-1

**Listings and Approvals**

- Fitting sizes 3” through 24”: Listed by Underwriters Laboratory (UL) Hydrostatically tested at 3 times rated working pressure. Listings can be provided or found at UL website.
- Fitting sizes 3” through 16”: Factory Mutual (FM) Approved Hydrostatically tested at 4 times rated working Pressure. Approvals can be provided or found at FM website.
- All Interior linings and coatings are NSF-61, and NSF 372 Certified.
- Foundry Certifications: ISO 9001

**Markings and Traceability**

All castings have markings for identifications and traceability. Heat and foundry codes are also cast on each casting for traceability. If material certifications are required, please identify on purchase documents prior to shipping from manufacturer.

Sincerely,

Roger Johnson  
Director of Technical Services  
[rjohnson@sipindustries.com](mailto:rjohnson@sipindustries.com)

Project Name	
Project Location	
Distributor	
Contractor	



**SIP CORPORATE** 8876 Gulf Freeway, Suite 500, Houston, TX 77017  
**SIP CENTRAL** 2900 Patio Drive, Houston, TX 77017  
**SIP EAST** 600 Rayloc Drive, Atlanta, GA 30336  
**SIP WEST** 8333 Almeria Avenue, Fontana, CA 92335

Phone: 877-921-6111 or 713-923-6111 | Fax: 713-923-6114 | [www.sipindustries.com](http://www.sipindustries.com) | [sales@sipindustries.com](mailto:sales@sipindustries.com)

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