



**SIP Industries**  
Quality Manufacturer Since 1960

**Certificate of Compliance : Compact and Full Body Mechanical Joint Glands**

Date

SIP certifies that our 2” – 64” Ductile Iron Compact and Full Body Mechanical Joint are designed, manufactured, and distributed to the below standards for the Waterworks industry. All castings are tested and traceable by casting markings to the below standards. Please refer to our web site [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 C110/A21.10 – Ductile-Iron and Grey-Iron Fittings for Water Service
- ANSI/AWWA C104/A21.04 – 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 Grey-Iron Fittings
- ANSI/AWWA C111/A21.11 – Rubber-Gasket Joints for Ductile-Iron Pressure Pipe Fittings

- Glands** : Ductile Iron per ASTM A536, Grade 65-45-12
- Pressure** : 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes and 150 PSI rating for 54" - 64" sizes
- Coatings** : Gland seal coating 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**

- Gland 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.
- Gland sizes 3” through 24”: Factory Mutual (FM) Approved Hydrostatically tested at 4 times rated working Pressure.

**Approvals can be provided or found at FM website.**

- All 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 manufacture.

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)**