



## ARC ZINC SPRAY

### General Specifications

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- Material : Metallic Zinc. The coating shall provide an active inner layer of 300 grams/m<sup>2</sup> of pure metallic zinc. Asphaltic coating per ANSI/AWWA C104/A21.4, NSF-61 & 372
- Requirements : Fittings shall first undergo surface preparation cleaning by following strict guidelines of NAPF 500 specifications and anchor profile measurements in accordance with ASTM D 4417 Methods.
- Fittings shall then be Arc Spray coated in accordance with the ISO 8179-1 Standard for Ductile Iron External Zinc-based Coating-Part 1: Metallic Zinc. The coating shall provide an active inner layer of 300 grams/m<sup>2</sup> of pure metallic zinc.
- For easy identification, the Outside Diameter of the Bells and Flanges of our Zinc coated fittings painted silver and the words 'ARC-ZINC' are stenciled on the fitting body over an applied asphaltic coating.
- Features & Benefits :
- Applied by SIP for over 10 years!!
  - 300 grams/m<sup>2</sup> of pure metallic zinc
  - Complies with ISO 8179-1
  - Uniform cathodic protection
  - Ability to "self-heal"
  - Bells painted silver with "ARC-ZINC" stenciled on the body of the fittings
  - No special handling or installation procedures required

***Fittings also meet the following Standards where applicable:***

- ASTM A536 for Ductile Iron Castings
- ANSI/AWWA C153/A21.53 for Compact Fittings
- ANSI/AWWA C110/A21.10 for Full Body Fittings
- ANSI/AWWA C104/A21.4 Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water
- ANSI/AWWA C111/A21.11 Rubber-Gasket Joints for Ductile-Iron Pressure Fittings for Water
- Flanged Fittings meet ANSI/ASME B16.1 dimensional specification
- 3" through 24" sizes are listed by Underwriters Laboratory (UL)
- 3" through 24" sizes are Factory Mutual (FM) Approved
- All Interior coatings meet NSF-61 Certification