



ENHANCED EPOXY COATED CAST IRON PIPE & FITTINGS FOR AGGRESSIVE APPLICATIONS



DuRa Pipe™ is an enhanced epoxy coating applied to cast iron soil pipe and fittings made in the U.S.A. DuRa Pipe™ is well-suited for aggressive DWV applications where greater performance is required. This is not an equivalent or viable option for acid waste pipe.

Standard cast iron pipe and fittings perform exceptionally well in most applications. However, the DuRa Pipe™ enhanced epoxy coated cast iron solution offers significant advantages for aggressive applications.

- Commercial Kitchens
- Hospitals and Medical Office Buildings
- Casinos
- Soda Fountains
- Seasonal Occupancy Buildings
- Any area with exposure to chemicals from pH 2 to pH 12

DuRa Pipe™ enhanced epoxy coating begins with the same high quality cast iron pipe we have always made. However, instead of being dipped in an asphalt coating, the pipe is coated inside and out with a two-component, solvent free, epoxy that provides additional protection against corrosive environments.

Fittings are fully coated with a fusion bonded epoxy that provides the same additional protection against corrosive environments. DuRa Pipe™ is available in ranges from 2" to 15" No-Hub and Hub & Spigot (Service Weight) in 10' lengths.

These products conform to ASTM A 74, ASTM A 888, CISPI 301 standards. It is certified by NSF International complying with performance and quality requirements of all standards.

AB&I recommends the use of HUSKY CR 7000 couplings in conjunction with using DuRa Pipe™ products.



For Installation guide, please reference the following:
<https://abifoundry.com/products/product-literature/>

Where an on-site coating of the cut edges is desired or specified, it is recommended to use PPG Multi-Prime 4160 or Fast Dry 4180. In areas where a low VOC is required, we recommend PPG Amerlock 2. Follow the instructions on the data sheets provided in the links below.

Multi-Prime 4160:

<https://www.ppgpmc.com/products/MULTIPRIME-4160>

Fast Dry 4180:

<https://www.ppgpmc.com/products/FAST-DRY-4180>

Amerlock 2:

<https://www.ppgpmc.com/products/amerlock-2-sigma-cover-2>

SPECIFICATIONS

- DuRa Pipe™ coated pipe and fittings shall conform to the requirements of CISPI Standard 301, ASTM A888 and ASTM A74, and be coated with a suitable epoxy coating. Pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute and be listed by NSF International.

- Each pipe and fitting shall be plainly marked with date of manufacture (pipe only), country of origin, and name of manufacturer or manufacturer's registered trademark by which the manufacturer can be readily identified after installation.





AB&I FOUNDRY — DURA PIPE™ NO-HUB PIPE & FITTINGS SUBMITTAL

SPECIFICATIONS

This document is to certify that products manufactured by AB&I Foundry are manufactured in the United States and conform to the following standards:

DuRa Pipe™ No-Hub Pipe & Fittings

- Cast iron soil pipe and fittings shall be marked with the trademark of the Cast Iron Soil Pipe Institute (CISPI).
- ASTM A 888
- Meets the UP Code

No-Hub Couplings

- Cast Iron Soil Pipe Institute Standard 310
- ASTM C 1277
- Certified by NSF International

No-Hub Heavy Duty Couplings

- ASTM C 1540
- Factory Mutual 1680
- Certified by NSF International

AB&I Foundry products are manufactured to all applicable ASTM standards. AB&I will not accept responsibility for other cast iron products performance, dimensional accuracy, or compatibility of pipe, fittings, gaskets, or couplings that are not manufactured or sold by AB&I/McWane, Inc.

AB&I Foundry

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AB&I FOUNDRY — DURA PIPE™ NO-HUB PIPE & FITTINGS SUBMITTAL

Industry Reference Standards for Cast Iron Pipe & Fittings

AMERICAN SOCIETY FOR TESTING AND MATERIALS

| ASTM | TITLE |
|---------------|--|
| A 888 | Specification for hubless cast iron soil pipe and fittings. |
| Scope | This specification covers cast iron pipe and fittings used in sanitary drain, waste, and vent (DWV), sewer and storm drainage applications. This system is intended only for non-pressure applications. |
| C 564 | Specification for rubber gaskets for cast iron soil pipe and fittings. |
| Scope | This specification covers pre-formed rubber gaskets used to seal joints in cast iron soil pipe and fittings. |
| C 1277 | Specification for coupling for use in connection with hubless cast iron pipe and fittings for sanitary and storm drain, waste, and vent (DWV) piping application (regular hubless coupling). |
| Scope | The purpose of this specification is to establish criteria for material dimensions and tolerances for one type of coupling used in hubless cast iron soil pipe and fittings for sanitary and storm drain, waste, and vent (DWV) piping applications. |
| C 1540 | Specification for shielded couplings joining hubless cast iron soil pipe and fittings (heavy duty couplings). |
| Scope | This specification covers pre-formed rubber gaskets used to seal joints in cast iron soil pipe and fittings |

CAST IRON SOIL PIPE INSTITUTE

| CISPI | TITLE |
|--------------|---|
| 301 | Specification for hubless cast iron soil pipe and fittings for sanitary and storm drain, waste, and vent (DVW) piping applications. |
| Scope | The purpose of this standard is to establish standards covering material, dimensions, and tolerance for pipe and fittings for hubless cast iron sanitary and storm drain, sanitary waste, and vent (DWV) piping applications. |
| 310 | Specification for coupling for use in connection with hubless cast iron pipe and fittings for sanitary and storm drain, waste, and vent (DWV) piping application (regular hubless coupling). |
| Scope | The purpose of this specification is to establish criteria for material dimensions and tolerances for one type of coupling used in hubless cast iron soil pipe and fittings for sanitary and storm drain waste, and vent (DWV) piping applications. |

