



Product Specifications

Miami-Dade Water & Sewer Department
 Address: 3071 SW 38th Ave, Miami, FL 33146
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Ductile Iron Pipe Fittings



Minimum Standards

- AWWA C105, C110/A21.10, C111/A21.11, C115/A21.15, C153/A21.53, C600
- MDWASD specification: Sections 15060, UC-250

Other Requirements

- NSF61/ANSI for potable water applications
- Cement Lining for water application
- Ceramic Epoxy Lining for sewer application
- C110 Fittings may be required by the Department projects in saltwater areas or at locations with severe corrosion issues when specified on Plans
- Zinc Coating (brush applied for fittings) required in saltwater intrusion areas

Applications

- Water and Sewer

PRE-APPROVED MANUFACTURER

- | | |
|------------------------------------|-------------------|
| 1) American | 5) SIP Industries |
| 2) Integrity Fusion Products, Inc. | 6) Star Pipe |
| 3) Romac Industries Inc. | 7) Tyler Union |
| 4) Sigma Corporation | 8) U.S. Pipe |

Issue Date: 4/4/2016

Revised Date: 11/29/2018

APPROVED PRODUCTS / MODELS

SIZE	MANUFACTURER	MODEL	SUBMITTED
4" - 48"	American	Flexible Ring and Lok Ring Fittings	<input type="checkbox"/>
4" - 48"	Integrity Fusion Products, Inc.	Backup Rings, 316 stainless steel, Epoxy Coated	<input type="checkbox"/>
4" - 48"	Romac Industries	Alpha EC Wide Range End Cap	<input type="checkbox"/>
4" - 48"	Sigma Corporation	C110 MJ D.I. Fittings Full body	<input type="checkbox"/>
4" - 48"	Sigma Corporation	C153 MJ Compact Fittings	<input type="checkbox"/>
4" - 48"	Sigma Corporation	C110 Flanged Fittings Cast Iron/ DI	<input type="checkbox"/>
4" - 48"	SIP Industries	DI Flange Fittings	<input type="checkbox"/>
4" - 48"	SIP Industries	DI Compact MJ Fittings	<input type="checkbox"/>
4" - 54"	Star Pipe	DI Compact MJ Fittings	<input type="checkbox"/>
4" - 54"	Star Pipe	DI Full Body MJ Fittings	<input type="checkbox"/>
4" - 54"	Star Pipe	DI Compact Push-On Fittings	<input type="checkbox"/>
4" - 54"	Star Pipe	DI Flanged Fittings	<input type="checkbox"/>
4" - 54"	Tyler Union	DI C110 Full body MJ	<input type="checkbox"/>
4" - 54"	Tyler Union	DI C153 Compact MJ	<input type="checkbox"/>
4" - 54"	Tyler Union	DI C110 Flanged Fittings	<input type="checkbox"/>
4" - 48"	U.S PIPE	MJ FITTINGS	<input type="checkbox"/>

SIZES FURNISHED:

- | | | | |
|------------------------------|------------------------------|------------------------------|-------------------------------------|
| <input type="checkbox"/> 4" | <input type="checkbox"/> 12" | <input type="checkbox"/> 20" | <input type="checkbox"/> 42",48"54" |
| <input type="checkbox"/> 6" | <input type="checkbox"/> 14" | <input type="checkbox"/> 24" | |
| <input type="checkbox"/> 8" | <input type="checkbox"/> 16" | <input type="checkbox"/> 30" | |
| <input type="checkbox"/> 10" | <input type="checkbox"/> 18" | <input type="checkbox"/> 36" | |

REMARKS:

- Potable Water Sanitary Sewer

SALTWATER INTRUSION AREAS (SALTWATER INTRUSION AREAS):

- Zinc Coating

COMMENTS: _____

Approved by: MDWASD Departmental Standards, Specifications, and Product Committee

Revision History:

11-29-2018 – Increase size range for Star Pipe and Tyler Union; defined zinc coating in saltwater intrusion area per latest county map; zinc coating is applied by brush coating for fittings;