



Ductile Iron Push-On Fittings

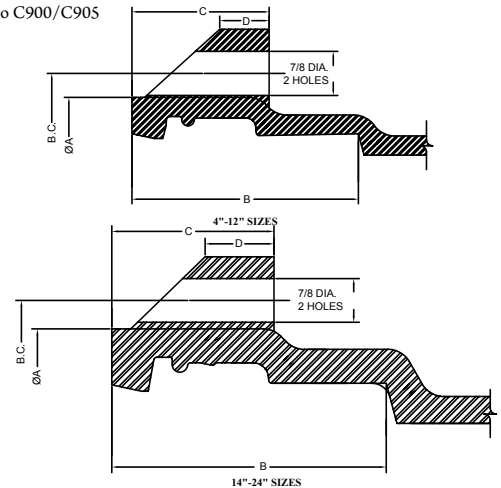
ANSI/AWWA C153/A21.53

GENERAL SPECIFICATIONS

- MATERIAL:** Ductile iron per ASTM A536
- PRESSURE:** 350 PSI rating for 4" - 24" sizes. Pressure rating applies to fittings only and does not apply to restraining lugs or external restrainers
- TESTING:** In accordance with ANSI/AWWA C153/A21.53 and UL requirements
- LAYING LENGTH:** In accordance with ANSI/AWWA C153/A21.53 (fittings not listed in ANSI/AWWA have dimensions per Star design as noted in the catalog)
- WEIGHTS:** Are in pounds, unless noted otherwise and do not include accessories, cement lining and coating
- FLANGES:** Flanged ends on fittings match ANSI/AWW C115/A21.15 and ANSI B16.1 class 125 flanges
- CEMENT LINING:** In accordance with ANSI/AWWA C104/A21.4 -- sizes 4" - 24" double thickness
- COATING:** Asphaltic seal coat inside and out in accordance with ANSI/AWWA C104/A21.4 and referenced in ANSI/AWWA C153/A21.53
- GASKETS:** Dual hardness SBR in accordance with ANSI/AWWA C111/A21.11
- APPROVALS:** 4" - 12" Underwriters Laboratories Listed. Please consult factory for detail listing and approvals. 4" and greater are UL/NSF-61
- DIMENSIONS:** All dimensions are in inches unless noted otherwise.
- INSTALLATION:** Per ANSI/AWWA C600 and C111 using DIP conforming to C150/C151 and PVC pipe conforming to C900/C905



| SUBMITTAL INFORMATION | |
|-----------------------|----------------------|
| PROJECT NAME: | <input type="text"/> |
| ENGINEER: | <input type="text"/> |
| CONTRACTOR: | <input type="text"/> |
| SPEC. SECTION: | <input type="text"/> |



| PUSH-ON JOINT DIMENSIONS | | | | | | |
|--------------------------|-------|-------|------|------|------|--|
| NOM. SIZE | ØA | B.C. | B | C | D | |
| 4 | 6.38 | 7.50 | 4.02 | 2.17 | 1.12 | |
| 6 | 8.52 | 9.56 | 4.02 | 2.17 | 1.12 | |
| 8 | 10.80 | 11.82 | 4.49 | 2.72 | 1.12 | |
| 10 | 12.91 | 14.00 | 4.49 | 2.91 | 1.12 | |
| 12 | 15.05 | 16.25 | 5.00 | 2.99 | 1.12 | |
| 14 | 17.89 | 18.75 | 5.50 | 3.12 | 1.25 | |
| 16 | 20.05 | 21.00 | 5.50 | 3.25 | 1.25 | |
| 18 | 22.35 | 23.25 | 5.50 | 3.25 | 1.25 | |
| 20 | 24.47 | 25.50 | 5.50 | 3.25 | 1.25 | |
| 24 | 28.79 | 30.00 | 6.00 | 3.25 | 1.25 | |

Please note: All fittings are standard with two (2) restraining lugs. Bends 45° & 90° in sizes 4" - 12" are also available with four (4) restraining lugs.

SIZE RANGE (Please specify):

Size Range _____

LINING OPTIONS (Please check one):

- Standard: Cement-lined and asphalt seal coat per ANSI/AWWA C104/A21.4 and UL/NSF-61
- Optional: FBE (Fusion Bonded Epoxy) per ANSI/AWWA C116/A21.16 and UL/NSF-61 - ID & OD Only
- Optional: P401 (Protecto 401) Ceramic Epoxy - sewer applications only. Not NSF-61
- Optional: Other (specify) _____

COATING OPTIONS (Please check one):

- Standard: Asphaltic seal coat per ANSI/AWWA C104/A21.4
- Optional: FBE (Fusion Bonded Epoxy) per ANSI/AWWA C116/A21.16 and UL/NSF-61 - ID & OD Only
- Optional: Other (specify) _____

