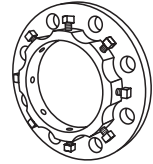


# SUBMITTAL INFORMATION

## Adapter Flange - (UFA400-C-x-EPDM style)



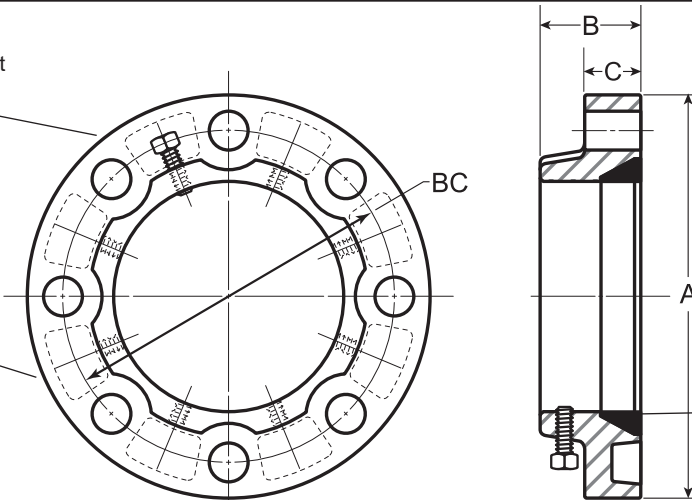
### UNI-FLANGE® SERIES 400 ADAPTER FLANGE FOR DUCTILE IRON PIPE

Set Screw - AISI 4140 Steel;  
Tensile 190,000 psi minimum. Heat  
treated to 35-39 Rockwell C, and  
zinc plated for corrosion resistance

Flange - Ductile Iron per ASTM  
A536, Grade 65-45-12. Drilling  
to AWWA Class D and E,  
ANSI B16.1 (125 lb. cast iron), or  
ANSI B16.5 (150 lb. steel)

Finish: Shop coat

Color Code: Red for ductile  
iron applications



Gasket - EPDM Mechanical  
Joint Gasket

| NOM.<br>PIPE<br>SIZE | DUCTILE IRON PIPE |                  | APPROX.<br>WT.<br>LBS. | PRESSURE<br>RATING<br>PSI | SET SCREWS |             | FLANGE  |                           |                           | No. OF<br>BOLT<br>HOLES | BOLT<br>CIRCLE<br>DIA. | ✓ SUBMITTED<br>ITEM(S) |
|----------------------|-------------------|------------------|------------------------|---------------------------|------------|-------------|---------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|
|                      | OD<br>(IN.)       | CATALOG No.      |                        |                           | NUMBER     | SIZE        | OD<br>A | APPROX.<br>THICKNESS<br>B | APPROX.<br>THICKNESS<br>C |                         |                        |                        |
| **2"                 | 2.50              | **Use UFA200-C-2 |                        |                           |            |             |         |                           |                           |                         |                        |                        |
| 3"                   | 3.96              | UFA400-C-3-EPDM  | 8                      | 250                       | 4          | 1/2"x1"     | 7-1/2"  | 2-1/8"                    | 1-7/64"                   | 4                       | 6"                     |                        |
| 4"                   | 4.80              | UFA400-C-4-EPDM  | 11                     | 250                       | 8          | 1/2"x1"     | 9"      | 2-1/8"                    | 1-7/64"                   | 8                       | 7-1/2"                 |                        |
| 6"                   | 6.90              | UFA400-C-6-EPDM  | 14                     | 250                       | 8          | 5/8"x1-1/4" | 11"     | 2-3/8"                    | 1-7/64"                   | 8                       | 9-1/2"                 |                        |
| 8"                   | 9.05              | UFA400-C-8-EPDM  | 21                     | 250                       | 8          | 5/8"x1-1/4" | 13-1/2" | 2-3/8"                    | 1-7/64"                   | 8                       | 11-3/4"                |                        |
| 10"                  | 11.10             | UFA400-C-10-EPDM | 38                     | 250                       | 12         | 5/8"x1-1/4" | 16"     | 2-7/16"                   | 1-3/16"                   | 12                      | 14-1/4"                |                        |
| 12"                  | 13.20             | UFA400-C-12-EPDM | 56                     | 250                       | 12         | 5/8"x1-1/4" | 19"     | 2-1/2"                    | 1-1/4"                    | 12                      | 17"                    |                        |
| 14"                  | 15.30             | UFA400-C-14-EPDM | 70                     | 150                       | 12         | 5/8"x1-1/4" | 21"     | 2-7/8"                    | 1-3/8"                    | 12                      | 18-3/4"                |                        |
| 16"                  | 17.40             | UFA400-C-16-EPDM | 79                     | 150                       | 16         | 5/8"x1-1/4" | 23-1/2" | 2-13/16"                  | 1-24/64"                  | 16                      | 21-1/4"                |                        |
| 18"                  | 19.50             | UFA400-C-18-EPDM | 90                     | 150                       | 16         | 3/4"x2"     | 25"     | 3-1/16"                   | 1-9/16"                   | 16                      | 22-3/4"                |                        |
| 20"                  | 21.60             | UFA400-C-20-EPDM | 145                    | 150                       | 20         | 3/4"x2"     | 27-1/2" | 3-3/16"                   | 1-11/16"                  | 20                      | 25"                    |                        |
| 24"                  | 25.80             | UFA400-C-24-EPDM | 175                    | 150                       | 20         | 3/4"x2"     | 32"     | 3-3/8"                    | 1-7/8"                    | 20                      | 29-1/2"                |                        |
| 30"                  | 32.00             | UFA400-C-30-EPDM | 270                    | 100                       | 28         | 1"x2-1/4"   | 38-3/4" | 4-1/8"                    | 2-7/64"                   | 28                      | 36"                    |                        |
| 36"                  | 38.30             | UFA400-C-36-EPDM | 400                    | 100                       | 32         | 1"x2-1/4"   | 46"     | 4-3/8"                    | 2-3/8"                    | 32                      | 42-3/4"                |                        |
| 42"                  | 44.50             | UFA400-C-42-EPDM | 495                    | 100                       | 36         | 1"x2-1/4"   | 53"     | 4-5/8"                    | 2-5/8"                    | 36                      | 49-1/2"                |                        |
| 48"                  | 5.80              | UFA400-C-48-EPDM | 660                    | 100                       | 44         | 1"x2-1/4"   | 59-1/2" | 4-3/4"                    | 2-3/4"                    | 44                      | 56"                    |                        |

### FEATURES

- Restraint is provided by a set screw locking device similar to that used in mechanical joint retainer glands.
- The gasket is an EPDM mechanical joint gasket.
- Designed for ease of on-site installation. Eliminates bolt hole alignment problems and allows for pipe deflection.
- Series 400 adapter flanges are not recommended for use on PVC pipe. Use the Uni-Flange® Series 900 flanges instead.
- Optional uni-torque set screws are available for use with 3"-16" Series 400 adapter flanges for ductile iron pipe, class 52-56. To order, add "-UT" to the catalog number. Example: UFA400-C-6-UT-EPDM.
- Optional stainless steel set screws, type 410 per ASTM F593, are available for Series 400 adapter flanges in 2"-24". To order, add "-SS" to the catalog number. Example: UFA400-C-6-SS-EPDM

The Ford Meter Box Company considers the information in this submittal form to be correct at the time of publication. Item and option availability, including specifications, are subject to change without notice. Please verify that your product information is current. Our standard warranty applies.



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10/10/23

Submitted By: