



# The Ford Meter Box Company, Inc.

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## **UNI-FLANGE® SERIES 1400 WEDGE ACTION RESTRAINT GLANDS**

This is to certify that all components of the Uni-Flange Series 1400 Wedge Action Restraint Glands are manufactured of high strength ductile iron, in accordance with ASTM A536 (latest revision), Grade 65-45-12. The Ford Meter Box Company tests each shipment upon arrival to ensure that the ductile iron conforms to this specification. Restraining wedges are heat treated to a hardness of 370 BHN minimum, and are designed for use on ductile iron pipe meeting ANSI/AWWA C151 A21.51 Standard. All components of the Uni-Flange Series 1400, including gland, wedges, and actuating screws are pretreated with a zinc phosphate wash and rinse and then epoxy coated via an electro-coat (ecoat) process.

The Series 1400 can be used with any standardized mechanical joint bell and tee head bolts conforming to ANSI/AWWA C110 A21.10, ANSI/AWWA C111 A21.11, and ANSI/AWWA C153 A21.53, latest revision. The Series 1400 may be used on any thickness or pressure class of ductile iron pipe, in water or wastewater applications, when properly installed and tested per AWWA C600 or ASTM D2774.

The Series 1400 carries a water working pressure rating of 350 psi (3" through 16" nominal pipe sizes), 250 psi (18" through 48") with a minimum 2:1 safety factor when tested in a dead-end, above-ground condition. The Series 1400 is Underwriters Laboratories Listed (4" through 48" nominal sizes) and Factory Mutual Research Corporation Approved (4" through 12" nominal sizes) for use on listed and approved ductile iron pipe.

Uni-Flange UFR1400 restraints adhere to ANSI/NSF61 in compliance with the United States Safe Drinking Water Act. The Ford Meter Box Company holds a certificate of registration to the International Standards Organization for the latest ISO 9001 Standard.

THE FORD METER BOX COMPANY, INC.

Zach Prater  
Product Sales Manager  
Pipe Products and Uni-Flange