

# SERIES 1004DSM

E-Z Flange™  
Ductile Iron Flange Adapter

## INSTALLATION INSTRUCTIONS

1. The Series 1000 E-Z Flange is designed for joining plain end ductile iron pipe, conforming to ANSI/AWWA C151/A21.51 (class 50-56 thickness) to standard AWWA C110 (class 150 dimensions) flanges.
2. The pipe ends must be cut smooth and square. (The E-Z Flange adapter should not be used on beveled end of the pipe). All surfaces must be cleaned. Back the set screws out of the flange to clear the pipe and slide onto the pipe. Install the E-Z Flange gasket on the pipe with the bevel of the gasket facing the E-Z Flange.
3. Position the pipe end square against the adjacent flange. Slide the gasket and E-Z Flange toward the adjacent flange.
4. Install and hand tighten the flange bolts keeping an equal gap around the flange.
5. Tighten the flange bolts evenly to the proper range of torque. (45-60 ft-lbs for 3" and 4", 75-90 ft-lbs for 6" through 12", 100-120 ft-lbs for the 14" through 24")
6. Tighten the set screws in a alternating manner until all are in firm contact with the pipe surface. After all set screws are in firm contact with the pipe; continue tightening in an alternating manner until all are tightened to the proper range of torque. (45 ft-lbs for 3"-6" and 70 ft-lbs for 8" through 24")



## CONTENTS

- 1 - 4 inch Series 1004 E-Z Flange
- 1 - 4 inch E-Z Gasket
- 8 - Galvanized Machine Bolts with Nuts

Restraints Made in the USA

For use on water or wastewater pipelines subject to hydrostatic pressure and tested in accordance with either AWWA C600 or ASTM D2774

APPROXIMATE SHIPPING WEIGHT: 13 LBS.

1006-B

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**Made in the USA**