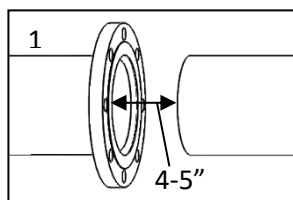


Installation Instructions

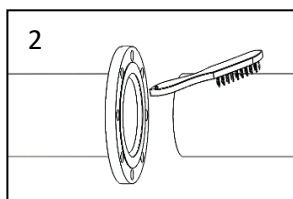
EZWF

Maxi-Grip® EZ-W Restrained Flanged Coupling Adapter



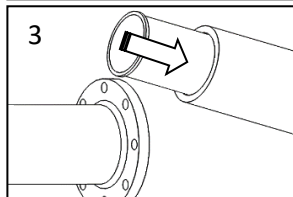
STEP 1

Verify that the coupling is the proper type and size. Ensure that no damage has occurred during transit or storage and no hardware is missing. Cut pipe end 4 to 5 inches from face of mating flange.



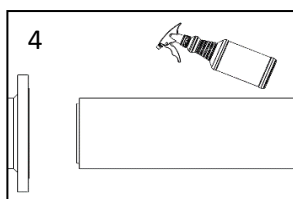
STEP 2

Clean pipe end at least 10" back from end, removing dirt, rust, oil, and scale. Pipe end must be cut square (straight) and be free of longitudinal grooves.



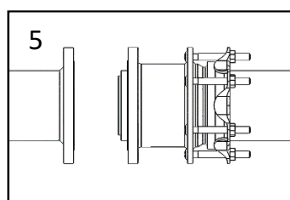
STEP 3

When joining non-metallic pipe, insert a properly sized metallic stiffener into non-metallic pipe end(s). The stiffener must be at least 7" long and be marked with the same SDR as the pipe.



STEP 4

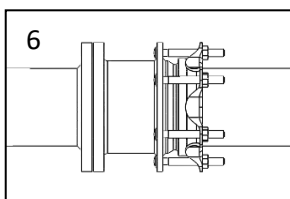
Lubricate the pipe surface and gasket(s) using a soap and water solution (anti-freeze may be required). All lubricant solutions should meet the requirements of the water and pipe supplier.



STEP 5

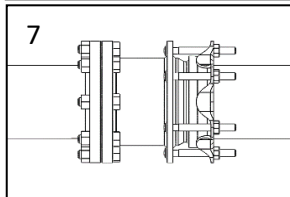
Loosen nuts and gently pull coupling entirely onto pipe.

Maximum pipe deflection should not exceed 2°.



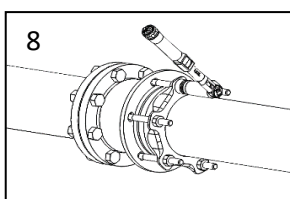
STEP 6

Back coupling against mating flange. Be certain pipe end retains 4-5" distance from mating flange.
****DO NOT** abut pipe in coupling**



STEP 7

Make flanged connection first.



STEP 8

Torque coupling nuts fully and evenly, in uniform increments, in a diametric pattern for all sizes to:

Torque

80 ft-lb minimum
100 ft-lb maximum

Pressure Ratings

PE	200 psi
Steel	300 psi
Ductile Iron	300 psi
PVC	235 psi
All pressures may be subject to limitation of Flange Pressure Rating (150# standard)	

Plastic Pipe Applications

Pipe Type	Minimum Wall
PE	DR 32.5
PVC (DIPS)	DR 25
PVC (IPS)	DR 26
NOT for use on molecularly-oriented PVC AWWA C-909 Pipe	



IMPROPER INSTALLATION CAN RESULT IN PRODUCT FAILURE.

Failure to follow proper installation procedures can result in dangerous pipe content escape, property damage, serious injury, and/or death. Read the product installation instructions prior to installing this product.



Installation Instructions

EZWF

Maxi-Grip® EZ-W Restrained Flanged Coupling Adapter

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WARRANTY

Smith-Blair, Inc. warrants its products to be free of defects in materials and workmanship for a period of one (1) year from the date of shipment by Smith-Blair, Inc. (the "Warranty Period"). Dated proof of purchase, such as a bill of sale, is required to establish warranty eligibility. If a product fails to perform due to a defect in materials or workmanship during the Warranty Period, Smith-Blair, Inc. will repair or, at Smith Blair, Inc.'s option, replace the product with the same or comparable item. In the event that the product cannot be repaired and a suitable replacement item is not available, Smith-Blair, Inc. will refund the original purchase price shown on the proof of purchase. In all cases, the customer is responsible for returning the allegedly defective product to the factory or warehouse designated by Smith-Blair, Inc.

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CORROSION & PRODUCT SELECTION NOTICE

Metal products are subject to corrosion, particularly when used outdoors and/or underground. A large number of factors and local conditions affect the rate of corrosion. Consult a local corrosion expert to determine the life expectancy of this product when used with your pipeline content, soil, and environment. Also, consult your system designer to determine the suitability of this product in your piping system. Failure to determine the suitability of this product in your application, soil, and/or environment can result in premature product failure. Smith-Blair will provide additional information about this product's material specifications at your request. You may also obtain product information at www.smith-blair.com.

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