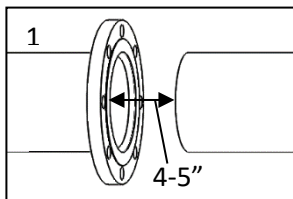


Installation Instructions

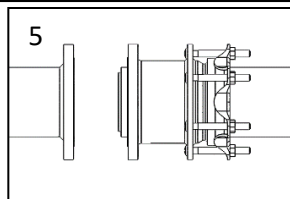
Restraint Flanged Coupling Adapter

Maxi-Grip® EZ Coupling



Step 1

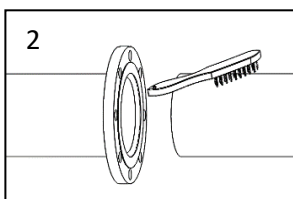
Verify that the coupling is the proper type and size. Ensure that no damage has occurred during transit or storage and no hardware is missing. Cut pipe end 4 to 5 inches from face of mating flange.



Step 5

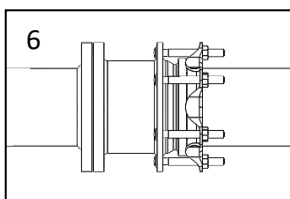
Loosen nuts and gently pull coupling entirely onto pipe.

Maximum pipe deflection should **not** exceed 2°



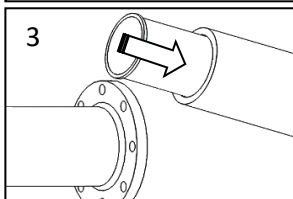
Step 2

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.



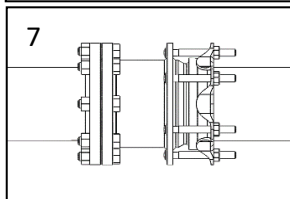
Step 6

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



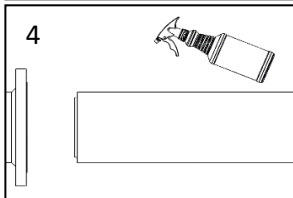
Step 3

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.



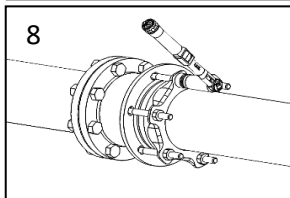
Step 7

Make flanged connection first.



Step 4

Lubricate pipe and coupling gasket using a suitable lubricant.



Step 8

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

TORQUE

100 ft-lbs. Minimum
110 ft-lbs. Maximum

Pressure Ratings

PE	125 PSI
Steel*	300 PSI
*May be subject to limitation of Flange Pressure Rating (150# standard)	



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.

- 1-1/4" through 12", 10" excluded, EZ Maxi-Grip couplings are manufactured, and have been tested, to Category 1 standards for use on PE Pipe in accordance with DOT CFR49-192.281(e) and ASTM F1948-19



Installation Instructions
Restraint Flanged Coupling Adapter
Maxi-Grip® EZ Coupling

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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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04/18

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.

04/18