

Installation Instructions

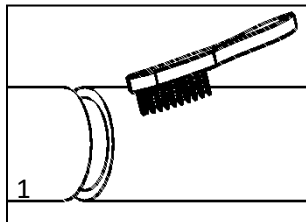
Class III – EZ Reducing CIPS to IPS

Insulating on Cast Iron Pipe End

Maxi-Grip® EZ Coupling

FOR JOINING CAST IRON TO STEEL OR PLASTIC PIPE

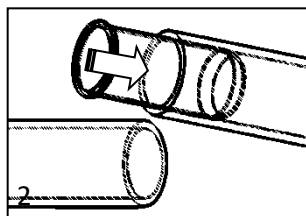
Step 1



Clean pipe ends at least 6" back from end, removing dirt, rust, oil, and scale. Pipe ends must be cut square (straight) and be free of longitudinal grooves.

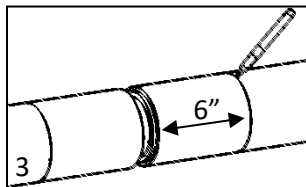
Leave a gap 1" to 2" wide between pipe ends.

Step 2



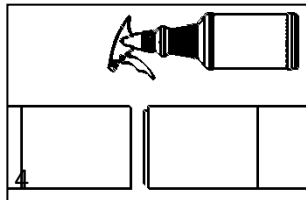
When joining non-metallic pipe, insert a properly sized metallic stiffener into non-metallic pipe end(s). The stiffener must be at least 7" long and be marked with the same SDR as the pipe.

Step 3



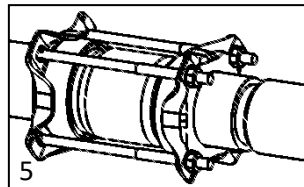
Mark each pipe 6" back from end.

Step 4



Lubricate pipes and coupling gaskets with a suitable lubricant.

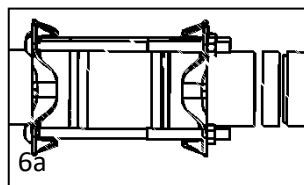
Step 5



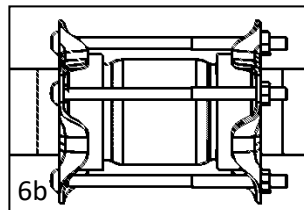
Loosen nuts and gently pull coupling entirely onto smaller pipe. If coupling does not stab easily onto pipe, see other side of these instructions.

Maximum pipe deflection should **not** exceed 2° at each pipe end.

Step 6a, 6b



^aBack coupling over second pipe while holding spacer ring between pipes. ^bCenter coupling between marks on pipes.

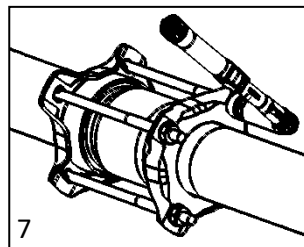


Step 7

Torque 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 Rating

60 PSI

Pipe Diameter		Catalog Part Number	Category 1 ASTM F1948-19 DOT CFR 49-192.281(e)	
Nominal (CIPS x IPS)	Actual (CIPS x IPS)		PE 2406/2708	PE 3408/4710
2 x 2	2.50 x 2.38	EZ25239B7UMG	11	9
2-1/4 x 2	2.75 x 2.38	EZ27239B7UMG	11	9
3 x 2	3.80 x 2.38	EZ38239B7UMG	11	9
3 x 3	3.80 x 3.50	EZ38359B7UMG	11	9
4 x 2	4.80 x 2.38	EZ48239B7UMG	11	9
4 x 3	4.80 x 3.50	EZ48359B7UMG	11	9
4 x 4	4.80 x 4.50	EZ48459B7UMG	11.5	11
6 x 4	6.90 x 4.50	EZ69459B7UMG	11.5	11
6 x 6	6.90 x 6.63	EZ69669D7UMG	11.5	11
6 O.S* x 4	7.10 x 4.50	EZ71459B7UMG	11.5	11
6 O.S* x 6	7.10 x 6.63	EZ71669D7UMG	11.5	11
8 x 6	9.05 x 6.63	EZ90669D7UMG	11.5	11
8 x 8	9.05 x 8.63	EZ90869B7UMG	11	11
8 O.S* x 6	9.30 x 6.63	EZ93669D7UMG	11.5	11
8 O.S* x 8	9.30 x 8.63	EZ93869B7UMG	11	11
12 x 12	13.20 x 12.75	EZ1321279D10UMG	13.5	11
**O.S" = Oversized Cast Iron pipe		Additional size configurations available upon request		

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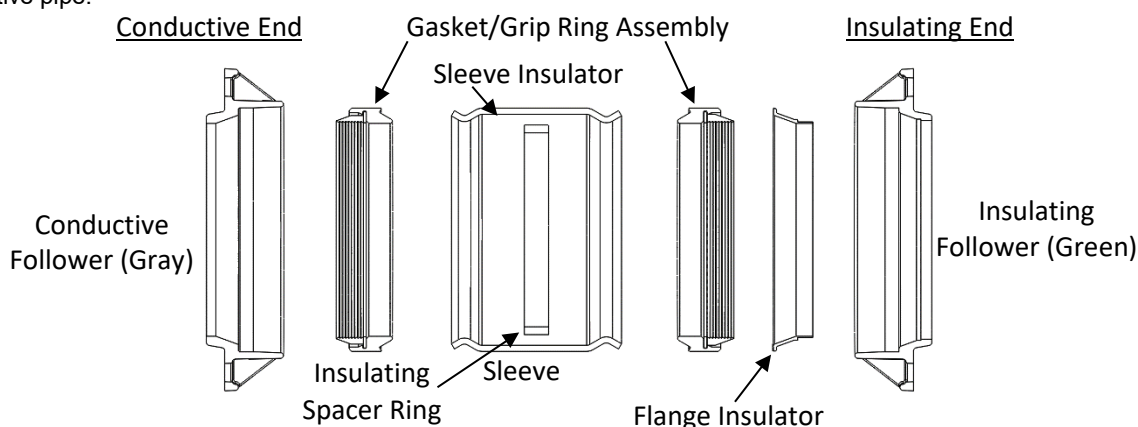
DISASSEMBLY INSTRUCTIONS

Most installations should not require disassembly of the Maxi-Grip® EZ coupling. If a coupling does not stab, loosen the nuts and then gently attempt to pull the coupling onto the pipe while supporting it under the sleeve. If the coupling must be disassembled for installation (such as in tight spaces or on out-of-round pipe), observe the following guidelines.

- 1) Prepare pipes as per instructions 1 thru 4 on front of the page.
- 2) Place coupling on a stable surface.
- 3) Remove nuts (and bolts) from coupling, but keep all components within each follower.
- 4) Slide each follower (with internal components) onto its respective pipe.

- 5) Center sleeve between marks on pipes, while holding spacer ring between pipes. Be sure sleeve insulator sheet stays in place.
- 6) Bring each follower back against sleeve. Be sure to keep components evenly aligned with pipe.
- 7) Replace bolts and nuts and tighten fully as specified on front of page.

In extreme cases it may be necessary to slide component parts individually onto each pipe. In this case, slide the parts onto each pipe as indicated below.



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.

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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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