

# Installation Instructions

## MAXADAPTOR® Couplings

Shielded, universal, high performance sewer repair couplings designed for the repair of most types and sizes of sewer/drainage pipes.

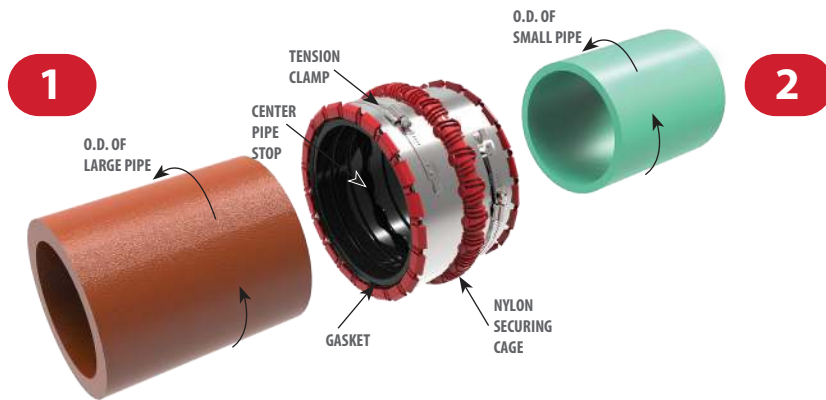


# MAX

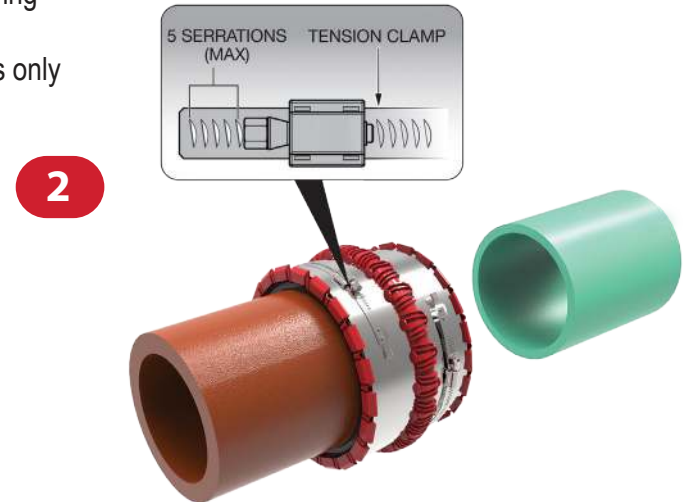
MAX Series

- NOTE:**
- ▶ Coupling should not be disassembled
  - ▶ Do not use an impact gun. Proper tightening requires slow speeds, similar to hand-tightening speeds
  - ▶ Tension clamp is lubricated to prevent galling during installation
  - ▶ For non-pressure, gravity flow sewer applications only

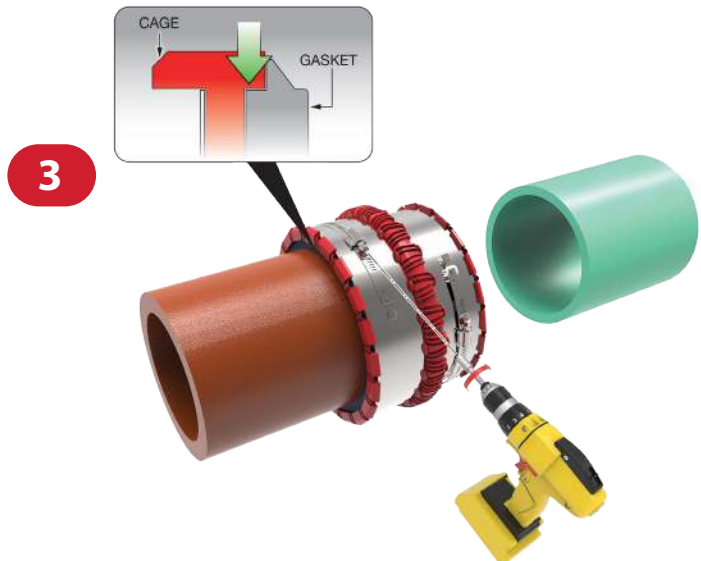
*For Joining Clay and Clay to Other Pipe Materials*



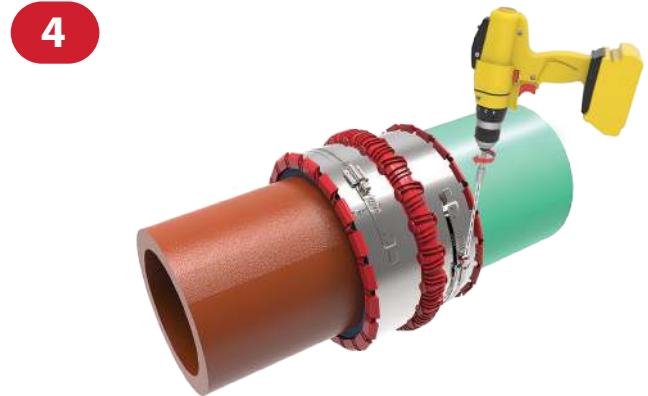
Measure outside diameters of the two pipes to be joined, ensuring diameters fall within pipe size chart (see reverse side). Make sure the MAXADAPTOR® Coupling and pipes are devoid of dirt and debris.



Lubricate large pipe end and gasket with soapy water solution. Loosen tension clamps to no more than five (5) serrations from strap end (see insert). Install the coupling over the large pipe end, just short of the center pipe stop. The center section of the nylon securing cage has to be unimpeded in order for central reduction to take place.



Ensure gasket is centered and properly engaged inside nylon securing cage (see insert) before tightening tension clamp. Tighten to 80 in/lbs. minimum with a pre-calibrated torque wrench.



Lubricate smaller pipe end and gasket with soapy water solution. Insert pipe into coupling and take up slack with cordless drill. Complete the installation by tightening the tension clamps with a pre-calibrated torque wrench to 80 in/lbs. minimum.

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# MAX

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PIPE MATERIAL	4"	5"	6"	8"	10"	12"	14"	15"	16"	18"
<b>Clay</b>										
Mission Clay	5.37	6.65	7.68	9.90	12.43	14.46		18.30		22.30
Building Products Clay	5.20		7.75	9.80	12.40	14.40		18.25		22.25
Eastern Standard Clay	5.23	6.31	7.44	9.84	11.99	14.36		18.20		21.93
Gladding/McBean Clay	5.36		7.82	9.99	12.47	14.52		18.03		21.47
Pacific Clay	5.36		7.93	9.93	12.88	15.30		18.60		22.40
<b>Metal</b>										
No Hub Cast Iron	4.38	5.30	6.30	8.38	10.56	12.50		15.83		
Service Weight Cast Iron	4.30	5.30	6.30	8.38	10.50	12.50		15.88		
Extra Heavy Cast Iron	4.50	5.50	6.50	8.62	10.75	12.75		15.88		
Ductile Iron	4.80		6.90	9.05	11.10	13.20	15.30		17.40	19.50
Steel	4.50	5.56	6.62	8.62	10.75	12.75	14.00		16.00	18.00
Copper	4.13	5.13	6.13	8.13	10.13					
Stainless Steel	4.00	5.00	6.00	8.00	10.00					
Duriron®	4.75		6.69	9.00	11.25	13.25		16.75		
<b>Plastic</b>										
Schedule 40 Plastic	4.50	5.56	6.62	8.62	10.75	12.75	14.00		16.00	18.00
Thinwall Plastic PVC (ASTM 3033) - SDR 26	4.21		6.27	8.16	10.20	12.24				
Thinwall Plastic PVC (ASTM 3034) - SDR 35	4.21		6.27	8.40	10.50	12.50		15.30		18.70
Thinwall Plastic ABS (ASTM 2751)	4.21	5.30	6.27	8.40	10.50	12.50				
<b>Miscellaneous</b>										
Armco Truss				9.40	11.80	14.10				
Bituminous Fiber/Orangeberg	Min. 4.64	Min. 5.82	Min. 6.92	Min. 9.14	Min. 11.24	Min. 13.44				
Asbestos Cement Class 1500 - Transite	4.81	5.90	6.92	9.02	11.12	13.22	15.30	16.34	17.38	
Concrete	Min. 5.50	Min. 6.50	Min. 7.50	Min. 10.00	Min. 12.45	Min. 14.50		Min. 19.60		Min. 22.50

U.S. Patent Nos. US 8,651,532 B2 & US 8,635,747 B2

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