

Installation Instructions

921, 922

Wide Range Flanged Coupling Adapter

STEP 1

Inspect the shipment received to ensure no damage has occurred during transit and that no hardware is missing. If present, remove banding straps from coupling prior to installation.

STEP 2

Clean pipe surface thoroughly, particularly in area where gasket will seat. Be sure to remove any scale, dirt, or debris that could affect the gasket seal.

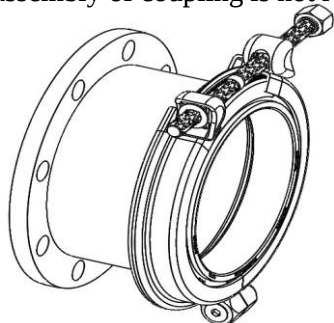
STEP 3

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 4

Slide coupling over spigot end of pipe. If necessary, loosen nut under blue bolt cap to facilitate installation. If coupling will not stab fit, remove inner gasket.

Note: Disassembly of coupling is not required!



921 Wide Range
Flanged Coupling
Adapter

STEP 5

Make flange connection to the companion flange first.

STEP 6

Ensure that spigot end of pipe meets recommended minimum insertion depth listed below. Do not exceed 4° of deflection.

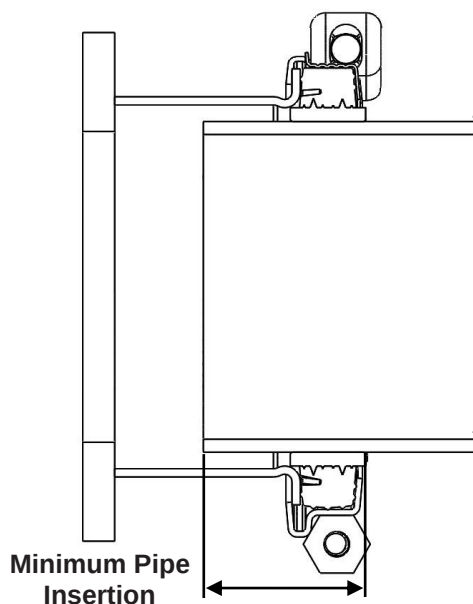
STEP 7

Tighten the nut under blue bolt cap to the recommended torque listed below.

Note: Use of calibrated torque wrench is recommended!

STEP 8

Torque again after line pressurization.



Nom. Size (in)	Catalog Number	Overall Range (in)	Inner Gasket Range (in)	Outer Gasket Range (in)	Min. Pipe Insertion (in)	Torque (ft-lb)
2	92X-02950200-XXX	2.13-2.95	2.13-2.60	2.50-2.95	2.88	50
3	92X-04200300-XXX	3.10-4.20	3.10-3.56	3.70-4.20	3.38	50
4	92X-05600400-XXX	4.46-5.60	4.46-5.05	5.00-5.60	3.50	60-70
6	92X-07600600-XXX	6.56-7.60	6.56-7.05	7.00-7.60	3.50	60-70
8	92X-09850800-XXX	8.54-9.85	8.54-9.15	9.15-9.85	3.50	60-70
10	92X-11831000-XXX	10.64-11.83	10.64-11.18	11.13-11.83	3.50	60-70
12	92X-13671200-XXX	12.62-13.67	12.62-13.06	13.10-13.67	3.50	60-70

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NOT FOR GAS SERVICE!

This product is not designed and tested to be used on any applications containing gas. Failure to use the proper coupling for any gas pipeline can result in dangerous pipe content escape, property damage, serious injury, and/or death.



THIS PRODUCT DOES NOT RESTRAIN PIPE MOVEMENT.

Proper anchoring is required to prevent pipe pull out. Failure to anchor or improper anchoring can result in dangerous pipe content escape, property damage, serious injury, and/or death. Read the product installation instructions prior to installing this product.



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.

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