



Installation Instructions

921 Series Wide Range Flanged Coupling Adapter

Please read installation instructions carefully!

NOTE: This coupling is designed for stab fit.

Disassembly is not required.

1. Clean approximately 1 foot from each pipe end & remove all labels, tape, grease, oil, or dirt from pipe surface. Ensure that pipe surface is smooth & free from gouges, corrosion, etc. where gaskets will contact pipe.
2. Lubricate pipe surfaces with soapy water or other lubricant suitable for potable water.
3. 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!
4. Bolt FCA to companion flange.
5. Ensure that spigot end of pipe meets recommended minimum insertion depth listed below. Do not exceed 4° deflection per end.
6. Tighten epoxy-coated bolts on each end to recommended torque listed below. NOTE: Use of a torque wrench is recommended!
7. Re-check bolt torque after line pressurization.

Nom. Size (in.)	Catalog Number	Overall Range (in.)	Lower Range (in.)	Upper Range (in.)	Min. Pipe Insertion (in.)	Torque (ft.-lb.)
2	921-02950200-031	2.13-2.95	2.13-2.60	2.50-2.95	2.88	50
3	921-04200300-031	3.10-4.20	3.10-3.56	3.70-4.20	3.38	50
4	921-05600400-031	4.46-5.60	4.46-5.05	5.00-5.60	3.50	60
6	921-07600600-031	6.56-7.60	6.56-7.05	7.00-7.60	3.50	60
8	921-09850800-031	8.54-9.85	8.54-9.15	9.15-9.85	3.50	60
10	921-11831000-031	10.64-11.83	10.64-11.18	11.13-11.83	3.50	60
12	921-13671200-031	12.62-13.67	12.62-13.06	13.10-13.67	3.50	70

Note: NOT FOR GAS SERVICE!



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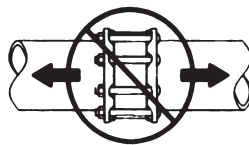
WARNING:

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®, Inc. will provide additional information about this product's material specifications at your request. You may also obtain product information at www.smith-blair.com.

NO RESTRAINT WARNING

This product does not restrain axial pipe or product movement. Pipe forces due to internal pressure, thermal contraction, earth shifting, etc., can cause pipe to pull out of product and/or axial product movement unless the pipe and/or products is/are sufficiently restrained from movement. Suitable anchorage devices such as anchor studs, harness rods, joint restraints, thrust blocking, etc., must be installed prior to filling pipes or applying pressure to prevent pipe pull out. This product must be installed in accordance with Smith-Blair® recommended procedures.

WARNING



WARRANTY

Smith-Blair warrants its products only against defects in materials and workmanship. Smith-Blair's liability and customer's exclusive remedy under this warranty or any warranty extends for a period of one (1) year from the date of Smith-Blair's ship date and is expressly limited to repayment of the purchase price, repair, or replacement, at Smith-Blair's option, during said period, upon proof satisfactory to Smith-Blair and upon customer's returning and prepaying all charges on such products to factory or warehouse designated by Smith-Blair. This warranty is made expressly in lieu of all other warranties, expressed, implied or statutory, with respect to quality, merchantability or fitness for a particular purpose.