



UFA900 SERIES ADAPTER FLANGE FOR PVC PIPE INSTALLATION INSTRUCTIONS

Refer to the Ford® website (www.fordmeterbox.com) for additional and most recent instructions and product information.

1. Cut the bevel from the spigot end of the pipe. The pipe must be cut square and be free of any burrs. Clean the end of the pipe to ensure proper gasket seating.
2. Place the flange on the pipe so the flange face is flush with the square cut end of the pipe. Check pipe position by laying a straight edge across the flange face. This will ensure proper pipe position to allow maximum gasket compression. **Do not install the gasket until fully completing Step 2.** Tighten the clamping bolts, alternating incrementally and evenly among all bolts to the minimum recommended torque in the table below to ensure proper pipe engagement. Use of a torque wrench is highly recommended and required to ensure proper torque.

Minimum Recommended Clamping Bolt Torque		
Nominal Pipe Size	UFA900-C (DI size PVC)	UFA900-S (steel-size PVC)
4" - 6"	75 ft-lb.	75 ft-lb.
8"	150 ft-lb.	100 ft-lb.
10" - 12"	150 ft-lb.	NA

3. Thoroughly lubricate the gasket with a soap-based pipe lubricant. This allows the gasket to slip easily into position. Slide the lubricated gasket over the pipe so the tapered end of the gasket fits evenly into the UFA900 adapter flange. The gasket should extend slightly beyond the end of the pipe. **No other gasket is necessary or should be used to seal the flange faces.**
4. Using conventional flange bolts, mate the UFA900 adapter flange to the standard flange. Snug all the bolts hand tight. Beginning with the bolts closest to the clamping pads and working inwards, tighten the flange bolts evenly and alternately to 75-100 ft-lbs.

NOTES: The UFA900 series is designed for use on PVC pipe ONLY. Consult Ford Meter Box for other piping materials, and special pressure or media applications.
In installations where rapid or excessive surges may occur, or extreme thrusts encountered (e.g. near pumps or 90° bends), Uni-Flange® engineers recommend the use of tie rods for additional thrust restraint.



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