

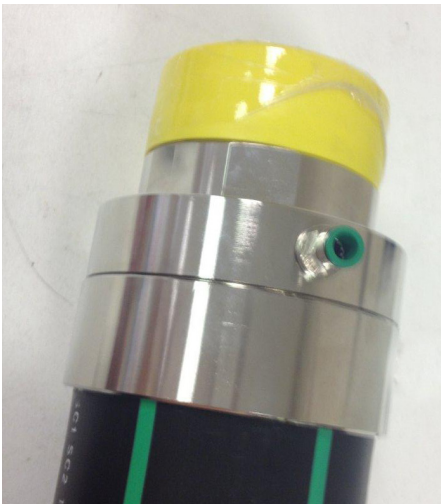


Double Wall Transition Fittings

Introduction

This document provides information showing the correct use and method of installation for UPP 90-Series Double Wall Transitions.

Installation Overview of 90-Series Double Wall Transitions:



- All 90-Series Transitions should be prepared and electrofusion welded to the pipework using the steps shown in the Electrofusion Welding Instructions FFS document 408001007.
- The Transition must be clamped or supported during the electrofusion process and for at least 20 minutes following this process to ensure that NO STRESS is present in the welded joint.
- When connecting the 90-Series Transition to the matching threaded metal work, ensure that spanners or wrenches are only used on the metal flats of the 90-Series Double Wall fitting. For correct tool refer to customer drawings of relevant fitting:

CD-91-XXX-XXX BSPT

CD-91-XXX-XXX-TP BSPT

CD-92-XXX-XXX BSPT

CD-92-XXX-XXX-TP BSPT

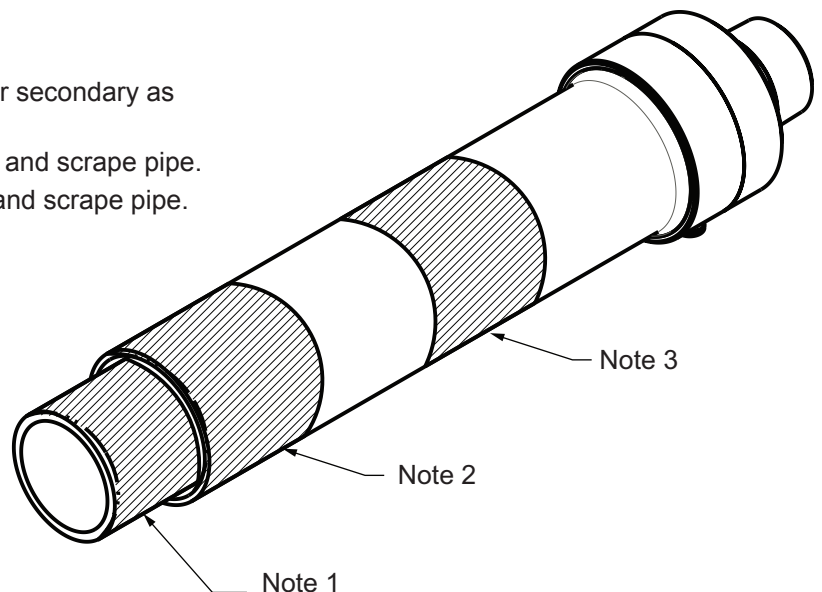
(Failure to do so can damage the interface between the metal insert and the polyethylene and result in a shortened working life).

Note: Never use a wrench on the welding coupler or polyethylene sleeve of Transition. Hold the metal flats as described in step 4 below.

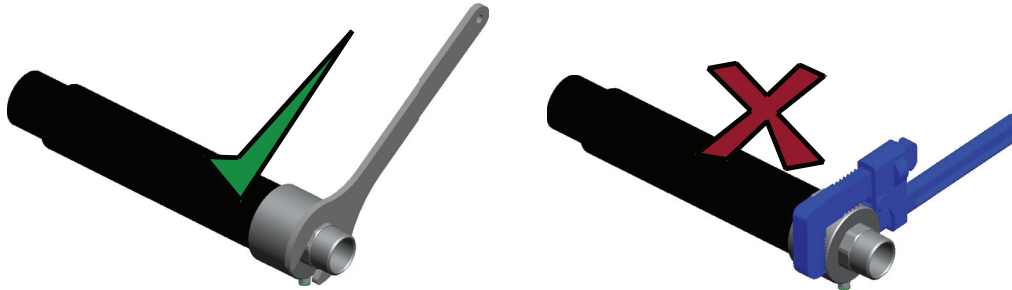
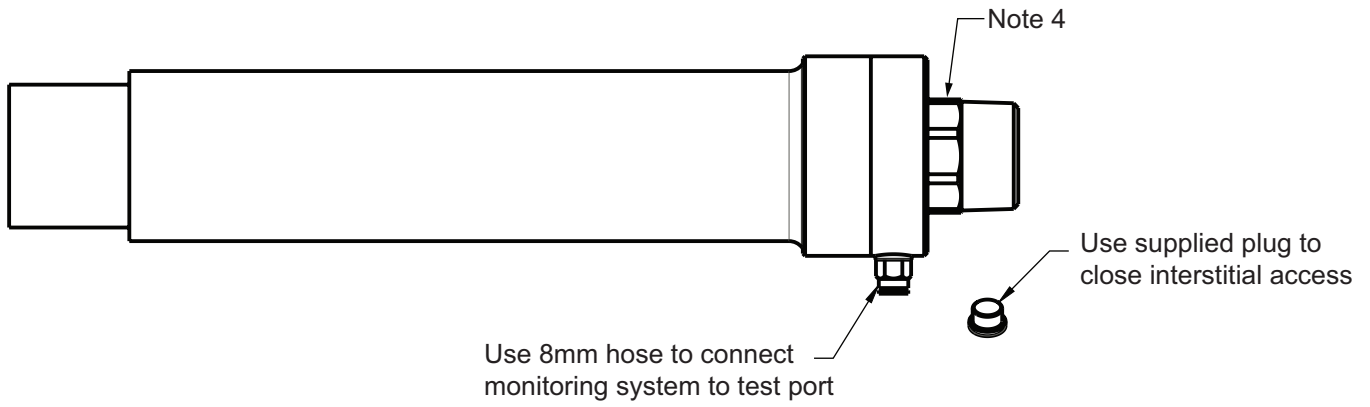
All installations to be completed by UPP certified installer.

Installation Notes

1. Measure Primary Spigot. Trim primary and/or secondary as necessary. Scrape Primary Pipe.
2. Mark Insertion depth of secondary connector and scrape pipe.
3. Mark region for entry-seal weld if applicable and scrape pipe.

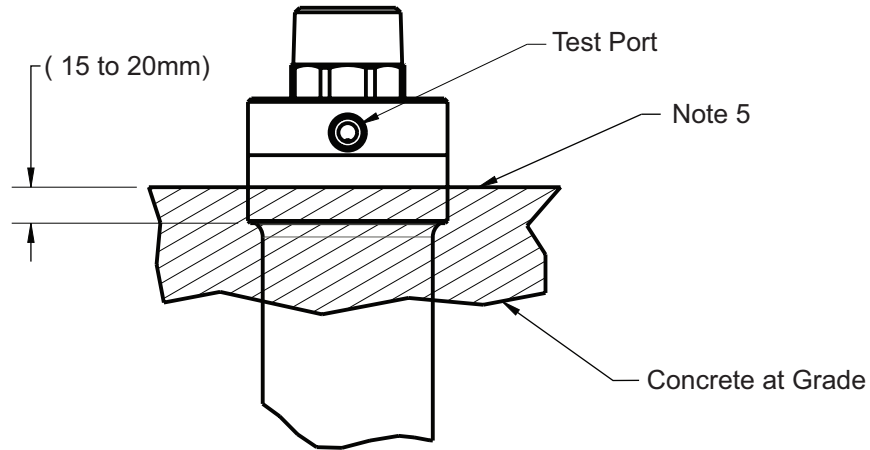


4. Connect Transition to steel work using correct Tool on Hex area of fitting ONLY.



Tighten only on Hex Area

5. For vertical risers in Fill and Vent applications ensure PE Pipe is buried and test port is above ground to enable monitoring of interstitial.



6. Welding: Ensure all welding surfaces are scraped and clean prior to welding. Weld primary and secondary connectors to Transition ends. Weld Entry seal to transition fitting when required.

Model List

| DW Part | Description |
|----------------------|------------------------------------|
| 91-063-050 BSPT | 50MM 1.1/2" BSPT MALE |
| 91-063-050-TP BSPT | 50MM 1.1/2" BSPT MALE W TEST PORT |
| 91-075-063 BSPT | 63MM 2" BSPT MALE |
| 91-075-063-1 BSPT | 63MM 1.1/2" BSPT MALE |
| 91-075-063-1-TP BSPT | 63MM 1.1/2" BSPT MALE W TEST PORT |
| 91-075-063-TP BSPT | 63MM 2" BSPT MALE W TEST PORT |
| 91-110-090 BSPT | 90MM 3" BSPT MALE |
| 91-110-090-TP BSPT | 90MM 3" BSPT MALE W TEST PORT |
| 91-125-110 BSPT | 110MM 4" BSPT MALE |
| 91-125-110-TP BSPT | 110MM 4" BSPT MALE W TEST PORT |
| 92-063-050 BSPT | 50MM 1.1/2"BSPT FEMALE |
| 92-063-050-TP BSPT | 50MM 1.1/2"BSPT FEMALE W TEST PORT |
| 92-075-063 BSPT | 63MM 2" BSPT FEMALE |
| 92-075-063-1 BSPT | 63MM 1.1/2"BSPT FEMALE |
| 92-075-063-1-TP BSPT | 63MM 1.1/2"BSPT FEMALE W TEST PORT |
| 92-075-063-TP BSPT | 63MM 2" BSPT FEMALE W TEST PORT |
| 92-110-090 BSPT | 90MM 3" BSPT FEMALE |
| 92-110-090-TP BSPT | 90MM 3" BSPT FEMALE W TEST PORT |
| 92-125-110 BSPT | 110MM 4" BSPT FEMALE |
| 92-125-110-TP BSPT | 110MM 4" BSPT FEMALE W TEST PORT |



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