

INSTALLATION INSTRUCTIONS BUTTWELD X PE COMPRESSION X FPT ADAPTER COUPLINGS

IMPORTANT

For use on:

Polyethylene (PE) gas pipe meeting the requirements of ASTM D 2513

Pressure Rating: Designed to meet or exceed pressure rating of PE pipe per 49 CFR Part 192 and ASTM D 2513

Operating Temperature: -20 to 140° F

Material: Carbon Steel

1. VERIFY THAT THE COUPLING IS THE CORRECT SIZE FOR THE POLYETHYLENE (PE) PIPE. VERIFY THE SDR (OR WALL THICKNESS) OF THE PIPE MATCHES THE SDR (OR WALL THICKNESS) STAMPED ON THE END OF THE STIFFENER.
2. BEFORE WELDING COUPLING BODY, REMOVE THE SEAL RING AND LINE SHIELD NUT FROM THE COUPLING BODY AND PLACE IN THE PLASTIC BAG IN WHICH THE COUPLING WAS SHIPPED.
3. WELD COUPLING BODY FOLLOWING YOUR COMPANIES WELDING PROCEDURES (FIG. 1).
4. CUT PE PIPE END SQUARE, DEBURR INSIDE AND OUTSIDE, CLEAN THOROUGHLY TO ASSURE THERE IS NO DIRT, GREASE, OIL, ETC. ON ASSEMBLY AREA OF PIPE.
5. PLACE LINE SHIELD NUT ONTO PE PIPE (FEMALE PIPE THREAD END FIRST) AND THEN SLIDE SEAL RING OVER TUBING (FIG. 2).
6. MARK 1 1/4" LG STAB LENGTH ON PE PIPE (FIG 2).
7. INSERT PE PIPE INTO COUPLING BODY. LINE MARKED FOR STAB LENGTH SHOULD BE NO MORE THAN 1/4" FROM END OF COUPLING BODY, IF NOT, REASSEMBLE (FIG 3).
8. PUSH LINE SHIELD NUT AND SEAL RING TOWARDS COUPLING BODY (FIG 4).
9. TIGHTEN LINE SHIELD UNTIL IT BOTTOMS AGAINST SHOULDER OF COUPLING BODY (FIG 4).
10. TO ASSURE PROPER ASSEMBLY AND TO COMPLY WITH 49 CFR 192 SUBPART J—TEST REQUIREMENTS, THE JOINT SHALL BE LEAK TESTED.

NOTE: TO PREVENT INADVERTENT PULL-OUT OF THE PE PIPE DURING THE ASSEMBLY PROCESS, COMPLETE STEP #9 IMMEDIATELY AFTER STEP #8, WITHOUT DELAY AND ENSURE WORK IS NOT BEING PERFORMED ON THE FREE END OF THE PE PIPE.

