KEY INSTALLATION POINTS:

REMOVE SUFFICIENT BEDDING FROM AROUND THE PIPE TO ALLOW THE COUPLING AND SLEEVE TO SLIDE ALONG THE PIPE AND BE CLEAR OF THE JOINT.

ENSURE BOTH PIPE ENDS ARE FREE FROM DIRT AND DEBRIS.

ENSURE THAT THE PIPE ENDS ARE CHAMFERED TO A MINIMUM OF 1/8" x 45° TO REMOVE ANY MATERIAL THAT COULD DAMAGE THE FEP LINER.

SLIDE THE COUPLING AND SLEEVE ONTO EITHER PIPE PRIOR TO LAYING THE SECOND PIPE IN THE TRENCH.

BUTT PIPE SECTIONS TOGETHER.
MARK THE POSITIONS FOR THE PTFE SEALS SYMMETRICALLY ABOUT THE PIPE ENDS THEIR CORRECT POSITION IS DIRECTLY UNDER THE COUPLING CLAMP BANDS.

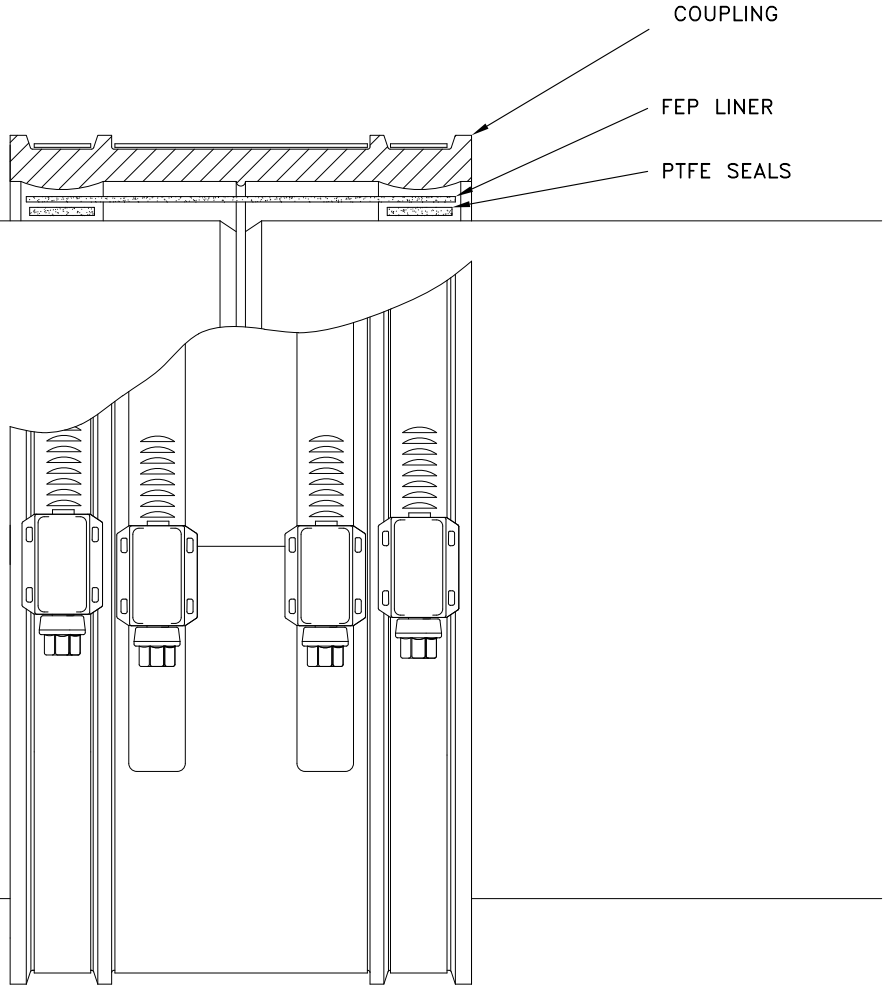
REMOVE THE BACKING FROM THE PTFE TAPE

FIT THE SELF ADHESIVE PTFE SEALS ONTO THE PIPES OVERLAPPING THE TAPE ENDS.

SLIDE THE FEP LINER INTO POSITION OVER THE PTFE SEALS.

APPLY HOT AIR EVENLY OVER THE SURFACE OF THE FEP LINER TO SHRINK THE SLEEVE ONTO THE PIPE ENDS AND THE PTFE SEALS KEEPING THE HOT AIR GUN IN MOTION ALL THE TIME TO PRODUCE AN EVEN RATE OF SHRINKAGE.
DO NOT OVERHEAT. OVERHEATING MAY DAMAGE LINER.

POSITION THE COUPLING CENTRALLY OVER THE LINER AND TIGHTEN THE CLAMPS TO 60 in–lbs TORQUE. TIGHTEN ALL CLAMPS IN EQUAL STAGES WORKING FROM THE CENTER OUTWARDS.



CHEMICAL COUPLING COMPONENTS:

1 – COUPLING
1 – HEAT SHRINKABLE FLUORPOLYMER (FEP) LINER
2 – SELF ADHESIVE STRIPS OF PTFE SEAL

REVISIONS:

SCALE: NOT TO SCALE

Part No:
Description:
CHEMICAL COUPLING INSTALLATION

Drawn By: AJD
Date: 02/15/2017

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