



SITE LIMITATIONS

USE THIS COUPLING ONLY IF ALL OF THE FOLLOWING CONDITIONS ARE MET

INSTALLATION CONDITIONS

1. MAXIMUM HYDROSTATIC PRESSURE (feet of water)
2. MAXIMUM FILL OVER PIPE
3. MAXIMUM PIPE DIAMETER
4. "O" RING GASKET REQUIRED

INLET CONTROL

N.A.
15 FT.
30 IN.
NO

FULL FLOW

10 FT.
15 FT.
30 IN.
YES

NOTES - ON FABRICATION AND INSTALLATION

1. ALL WELDED, CHECKED OR MARRED SURFACES SHALL BE COATED WITH TWO COATS OF ZINC DUST - ZINC OXIDE PAINT OR A HEAVY COAT OF FIBRATED ASPHALT - CEMENT.
2. THE COUPLING BAND SHALL BE GALVANIZED AND SHALL BE THE SAME OR ONE GAUGE LIGHTER THAN THE METAL IN THE PIPE BUT NO LIGHTER THAN 16 ga. (0.064").
3. BOLTS, NUTS, WASHERS, STRAPS, BARS, ETC. SHALL BE GALVANIZED CADMIUM PLATED OR STAINLESS STEEL.
4. CONNECTOR STRAPS SHALL BE AT LEAST 0.109" THICK, AND HAVE ITS LOOP SECURED WITH AT LEAST 2 SPOT WELDS AND BE ATTACHED TO THE BAND WITH AT LEAST 3 SPOT WELDS.
5. "O" RING GASKETS SHALL BE 13/16" TO 7/8" IN DIAMETER AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM C 443 FOR RUBBER GASKETS.
6. "O" RING GASKETS SHALL BE INSTALLED BY GENEROUSLY COATING THE GASKET WITH A SOAP BASE LUBRICANT SUCH AS TYLOX #7 OR A VEGETABLE COMPOUND SUCH AS CRISCO AND PLACING THE GASKET IN THE VALLEY OF THE FIRST ANNULAR CORRUGATION AT THE END OF THE PIPE.
7. INSTALL THE COUPLING BAND BY COATING ITS ENTIRE INNER SURFACE WITH THE ABOVE LUBRICANT AND PLACING IT AROUND THE PIPE ENDS TAKING CARE THAT ITS CORRUGATIONS ALIGN COMPLETELY WITH THE SECOND ANNULAR CORRUGATION ON EACH PIPE END.
8. PLACE MASTIC SEALANT STRIP ON THE AREA WHERE THE BAND ENDS OVERLAP - CENTER THIS STRIP BETWEEN THE CORRUGATIONS.
9. TORQUE CLAMPING BOLTS TO 25 TO 30 FT.-LB. WHILE STRIKING THE BAND WITH A RUBBER MALLET AT SEVERAL POINTS TO ASSURE UNIFORM TENSIONING OF THE BAND.

DETAILS OF 2-CORRUGATION COUPLING BAND

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	
Designed _____	Date _____
Drawn _____	Approved By _____
Traced _____	Title _____
Checked _____	No. _____
	Sheet _____ of _____
	Drawing No. _____

MICHIGAN ENGINEERING STANDARD DRAWING **NOT TO SCALE**

APPROVED BY *H. B. L. H. A.* DATE *4/21/63*

DRAWING NO. *50-E-0355* SHEET *1* OF *1*