COUPLING BANDS FOR CORRUGATED METAL PIPE

Standard Tank Dr "L" Lug And Rod With Washers
Coupling Bands Shall Have A Min. 6' Lap

1/2" Dia. Steel Rod, Threaded 9" On Each End
4 Required Per Band

Mastic Or Gasket
See Note 1

On Portion Of Pipe
Under Coupling Band,
Use Finished Flat Head
Rivets Or Weld Seams

Install Pipe So Rivets Are On The Side.

Recommended Length 2'-0"
Min. Length 1'-6 2/3" Or
7 Corrugations

ELEVATION
SECTION A-A
WATER TIGHT COUPLING BAND FOR ANNULAR PIPE

Standard Tank Dr "L" Lug And Rod With Washers
Coupling Bands Shall Have A Min. 3 1/2'
Lap ± 1/2'

ELEVATION
SECTION B-B

HELIICAL CORRUGATED COUPLING BAND

REFERENCE
Project
Designed
Checked
Approved
Date
Date
Date

NRCS
Natural Resources Conservation Service

STANDARD DWG. NO.
IL-580

SHEET 1 OF 2
DATE 7-25-94
COUPLING BANDS FOR CORRUGATED METAL PIPE

Standard Tank Dr 'L' Lug And Rod With Washers

Hugger Band Shall Have A 3 1/2" Lap, + 1/2"

Two Annular Corrugations Rolled In End Of Helical Pipe

3/4" Dia. Rubber Gasket

WATER TIGHT HUGGER TYPE COUPLING BAND

1/2" Wide, Elongated And Flared Aperture

1/2" Dia. Hole 1" Deep And Threaded A Minimum Depth Of 1/2"

END VIEW

ELEVATION

ALTERNATE "L" LUG

NOTES:

1. The Pipe Ends Covered By A Coupling Band And The Lap Seam Shall Be Coated With Bituminous Mastic. A Neoprene Gasket May Be Used In Lieu Of The Bituminous Mastic. The Gasket Size Shall Be 3/8" Thick With A Minimum Width Of 7" Centered On The Pipe Joint And Fastened At The Ends To Form A Full Circle.

2. Materials and coatings of watertight coupling bands, sleeve joints and helical metal bands shall be the same as that specified for the pipe.

3. All tank lugs, rods, and nuts shall be galvanized steel. Where aluminum bands are used, the rod and lugs shall be separated from the aluminum by at least two (2) layers of plastic tape with a total thickness of 24 mils or more.

4. Corrugated metal coupling bands may be fabricated from one or two pieces with equal minimum lap lengths.