

Kor-N-Seal[®] II

306 Series Connector

Installation Instructions

Korband Installation (If not already installed)

1. Install Korband into Connector by first fitting Wedge Expander into center of cutout provided, then installing remainder of Korband. Make sure that head of bolt on Wedge Expander is located to the outside of Connector/inside of manhole.
2. Using pipe lubricant, lightly lube at least three to four sections of Korband by bending back rubber one section at a time. *Do not lube wedge area.*
3. Check to be sure Korband is properly located in Connector groove.

Connector Installation

1. Inspect the inside surface of the hole. If there is porosity or wire-to-concrete separation, use patching or hydraulic cement to smooth the surface.
2. Position the connector in the hole making sure that the wedge is located at 10:30 and that the top and the bottom of the connector are at the correct overhang position (see reverse side). The position of the wedge and the overhang are critical for proper performance.
3. Using a 1/2" torque wrench with a 3/8" hex bit socket (P/N 80718), tighten Single Wedge Bands to 75 foot pounds. Tighten Double Wedge Bands to 55 foot pounds. Double Wedge Bands must be tightened incrementally.
4. Place plastic cap over end of bolt(s).
5. Retorquing prior to shipping is recommended but not required.

Pipe Installation

1. Be sure sealing area of pipe is smooth and free of defects. Repair if needed.
2. Center pipe in Connector opening.
(Pipe must not rest on Connector Korband)
3. Position the Pipe Clamp(s) in the Connector's Pipe Clamp groove.
4. Tighten the standard Pipe Clamp screws to 60 inch pounds with a T-handle Torque Wrench, P/N 80090. Power gear clamps torque to 120 inch pounds.

Note: On minimum pipe O.D. installations, lift the rubber up underneath the Pipe Clamp screw so that the Connector contacts the bottom surface of the pipe while the Pipe Clamp screw is being tightened. Application of pipe lubrication on the underside of the clamp will also help ensure that an even contraction of rubber is maintained throughout the clamping area.

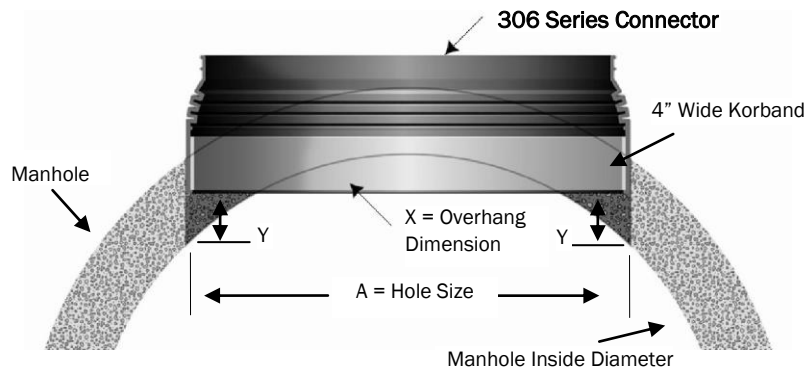
Caution: Do not use impact wrench for installation.
All pipe stubs must be restrained.

Using Corrugated Pipe:
Adapters are required when using Corrugated Pipe.
Refer to the Corrugated Pipe Adapter Data Sheet for details.

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Overhang Chart



Note Y dimension: Boot must be square in hole (even on both sides).

Hole Size	Manhole I.D.					
	48/4.75"	48/5"	60/5"	60/6"	72/6"	72/7"
"A"	X	X	X	X	X	X
28	1 1/2					
30	1 7/8	2				
32	2 1/4	2 1/4	1			
34	—	2 5/8	1 1/4			
36	—	—	1 1/2	1 3/4		
38	—	—	1 7/8	2 1/8		
40	—	—	2 1/8	2 3/8	1 1/2	
42	—	—	2 1/2	—	2	
44	—	—	—	—	2 1/4	1 7/8
46	—	—	—	—	2 1/2	2 1/4
48	—	—	—	—	—	2 1/2

All dimensions are in inches