

Kor-N-Seal® II

506 Series Connector

Installation Instructions

CONNECTOR INSTALLATION

1. Check to be sure the EX Series Waveband® is properly located in Connector groove.
2. Inspect the inside surface of the cored hole. If there is porosity or wire-to-concrete separation, use patching or hydraulic cement to smooth the surface.
3. Insert Connector Assembly into hole with Wedge Expander at top of hole.
4. Position Connector so it is square to manhole both vertically and horizontally.
5. Tighten Wedge Expander using 1/2" socket wrench to 15 foot pounds.
6. Retorquing prior to shipment is recommended but not required.

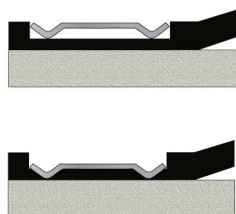
Note if Vacuum Testing

Testing should be done prior to backfilling so that leaks can be easily located and repaired.

All lift holes need to be plugged with a nonshrinking mortar.

Plug all pipes entering the manhole, taking care to securely brace the pipes and plugs.

Patented Waveband technology "captures" the rubber between itself and the concrete, creating a more effective seal.



*Covered under US Patent No.: 5,738,359

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 in the Connector's Pipe Clamp groove with the screw at the top.
4. Tighten the Pipe Clamp screw to 60 inch pounds with a T-handle Torque Wrench, P/N 80090.

Note: On minimum pipe O.D. installations, tension the rubber under the pipe clamp by lifting the rubber toward pipe clamp screw housing by hand. This will help prevent the rubber from wrinkling or folding over during tightening of hose clamp. Application of a very small amount pipe lube on the pipe clamp track will allow the pipe clamp to slide on the rubber and improve the performance of the hose clamp. Make sure to torque all screw locations on the pipe clamps.

Caution:

Do not use impact wrench for installation.

All pipe stubs must be restrained.

Adapters are required when using Corrugated Pipe. Refer to the Corrugated Pipe Adapter Data Sheet for more information.

Check calibration of torque limiters monthly.

Torque limiters are available for connectors that can be used with cordless drills and hand or air ratches.

Call 800-626-2180 for additional information.

Kor-N-Seal® II 506 Series Connector

Sizing Chart

Kor-N-Seal Connector P/N	Suggested Pipe O.D. Range	Hole Size Range	Connector Dimensions				Pipe Clamp		Minimum Manhole Size Required
		A	B	C	D	Qty	P/N		
S506-18L	15.00 - 15.63	17.98 - 18.13	15.88	16	10.50	2	I-282	48/5	
S506-20	15.63 - 17.00	19.98 - 20.13	17.88	17	10.50	2	I-282	48/5	
S506-20L	17.00 - 17.63	19.98 - 20.13	17.88	18	10.50	2	I-306		
S506-22	17.63 - 19.00	21.98 - 22.13	19.88	19	10.50	2	I-318	48/5	
S506-22L	19.00 - 19.63	21.98 - 22.13	19.88	20	10.50	2	I-348		
S506-24	19.63 - 21.00	23.98 - 24.13	21.88	21	10.50	4	I-180	48/5	
S506-24L	21.00 - 21.63	23.98 - 24.13	21.88	22	10.50	4	I-180		
S506-26	21.63 - 23.00	26.00 - 26.15	23.88	23	10.50	4	I-190	48/5	
S506-26L	23.00 - 23.63	26.00 - 26.15	23.88	24	10.50	4	I-218		
S506-28	23.63 - 25.00	28.00 - 28.15	25.88	25	10.50	4	I-218	48/5	
S506-28L	25.00 - 25.63	28.00 - 28.15	25.88	26	10.50	4	I-218		
S506-30	25.63 - 27.00	30.00 - 30.15	27.88	27	10.50	4	I-218	60/6	
S506-30L	27.00 - 27.63	30.00 - 30.15	27.88	28	10.50	4	I-242		
S506-32	27.63 - 29.00	32.00 - 32.15	29.88	29	10.50	4	I-242	60/6	
S506-32L	29.00 - 29.63	32.00 - 32.15	29.88	30	10.50	4	I-242		
S506-34	29.63 - 31.00	34.00 - 34.15	31.88	31	10.50	4	I-258	60/6	
S506-34L	31.00 - 31.63	34.00 - 34.15	31.88	32	10.50	4	I-258		
S506-36	31.63 - 33.00	36.00 - 36.15	33.88	33	10.50	4	I-282	72/7	
S506-36L	33.00 - 33.63	36.00 - 36.15	33.88	34	10.50	4	I-282		

