

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. Trelleborg NPC requires that torque values are between 12 and 20 foot pounds. Torque limiters are available - call Customer Service at 800-626-2180. (*Cordless drills and hand or air ratchets may be used*). Check calibration of torque limiter monthly.
6. Retorquing prior to shipment 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 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, 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.

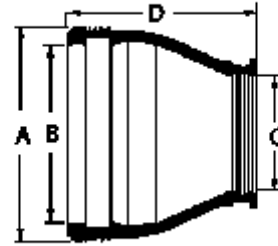
Patented Waveband technology "captures" the rubber between itself and the concrete, creating a more effective seal.



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

Kor-N-Seal® II

506 Series Connector



Sizing Chart

P/N	Suggested Pipe O.D. Range	Hole Size Range		Connector Dimension				Pipe Clamps		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			



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