

Kor-N-Seal[®] I EX 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.

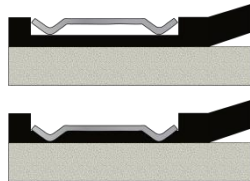
Note: On minimum pipe O.D. installations, lift the rubber up underneath the Pipe Clamp screw so that the Connector contacts the bottom surface of the pipe while the Pipe Clamp screw is being tightened. Application of pipe lubrication on the underside of the clamp will also help ensure that an even contraction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

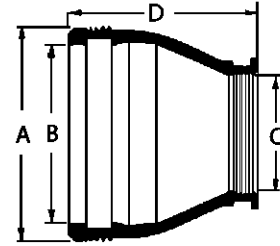
Patented Waveband technology "captures" the rubber between itself and the concrete, creating a more effective seal.



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

Kor-N-Seal® I EX Series Connector

Sizing Chart



Kor-N-Seal Connector P/N	Suggested Pipe O.D. Range	Hole Size Range	Connector Dimensions			Pipe Clamp P/N
		A	B	C	D	
S406-10AWP-EX	6.00 – 6.75	10.06 – 10.20	8.13	6.50	6	I-128
S406-10WP-EX	7.50 – 8.00	10.06 – 10.20	8.13	8.50	6	I-180
S406-10.5AWP-EX	6.00 – 6.75	10.53 – 10.70	8.63	6.50	6	I-128
S406-10.5WP-EX	7.50 – 8.50	10.53 – 10.70	8.63	8.50	6	I-180
S406-11BWP-EX	6.00 – 7.00	11.03 – 11.20	9.13	6.00	6	I-128
S406-11AWP-EX	7.50 – 9.00	11.03 – 11.20	9.13	8.00	6	I-180
S406-12CWP-EX	6.00 – 7.00	12.04 – 12.20	10.13	6.50	6	I-128
S406-12BWP-EX	6.25 – 7.50	12.04 – 12.20	10.13	7.00	6	I-128
S406-12AWP-EX	7.50 – 9.00	12.04 – 12.20	10.13	8.50	6	I-180
S406-12WP-EX	9.00 – 10.00	12.04 – 12.20	10.13	10.00	6	I-180
S106-12BWP-EX	5.75 – 7.00	12.04 – 12.20	10.13	6.50	8	I-128
S106-12AWP-EX	7.00 – 8.50	12.04 – 12.20	10.13	8.00	8	I-180
S106-12WP-EX	8.25 – 9.75	12.04 – 12.20	10.13	9.25	8	I-180
S106-14AWP-EX	9.50 – 11.25	14.03 – 14.20	12.13	10.50	8	I-190
S106-16BWP-EX	9.50 – 11.25	15.98 – 16.15	14.13	10.50	8	I-190
S106-16AWP-EX	11.25 – 13.00	15.98 – 16.15	14.13	12.25	8	I-218
S106-16WP-EX	13.00 – 14.00	15.98 – 16.15	14.13	14.00	8	I-242
S106-20BWS	14.00 – 15.50	19.95 – 20.10	18.25	15.00	8	I-306
S106-20AWS	15.50 – 17.00	19.95 – 20.10	18.25	16.50	8	I-306
S106-20WS	17.00 – 18.15	19.95 – 20.10	18.25	18.00	8	I-306



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