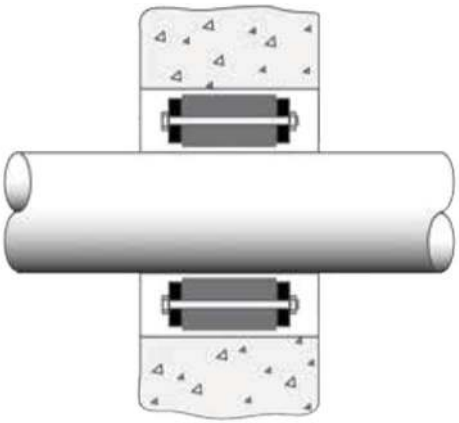
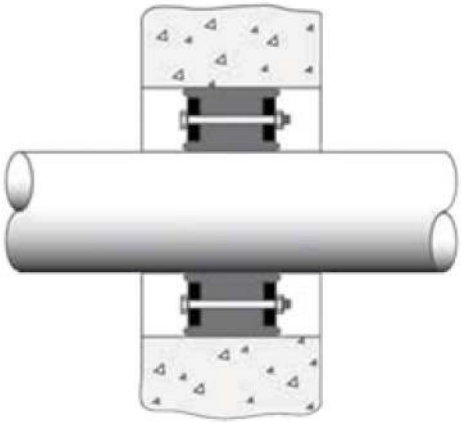
MetraSeal

OPERATION, INSTALLATION AND MAINTENANCE INSTRUCTIONS

General: The Metraseal is a modular seal made up of a belt made from links of elastomer. The belt is inserted into an opening around a pipe. When the bolts are tightened the elastomer bulges, filling the opening, creating a seal.



MetraSeal in Free State



MetraSeal in Compressed State

Application: Ensure that the correct Metraseal has been selected for the application. See seal options table below.

Model	Elastomer	Hardware	Pressure Plates	Temp	Application
E	EPDM	Carbon Steal with Zinc Dichromate plating	Fiberglass Reinforced Plastic	-40 to +250º F	Suitable for most applications Above ground and buried
ES	EPDM	Stainless Steel	Fiberglass Reinforced Plastic	-40 to +250º F	Suitable for most applications Ideal for corrosive environments
P	Nitrile	Carbon Steal with Zinc Dichromate plating	Fiberglass Reinforced Plastic	-40 to +210º F	Ideal for use for exposure to Hydrocarbons
PS	Nitrile	Stainless Steel	Fiberglass Reinforced Plastic	-40 to +210º F	Ideal for use for exposure to Hydrocarbons and corrosive environments
HT	Silicone	Carbon Steal with Zinc Dichromate plating	Carbon steel Dichromate plating	-40 to +400º F	Ideal for use for high temp applications

Installation

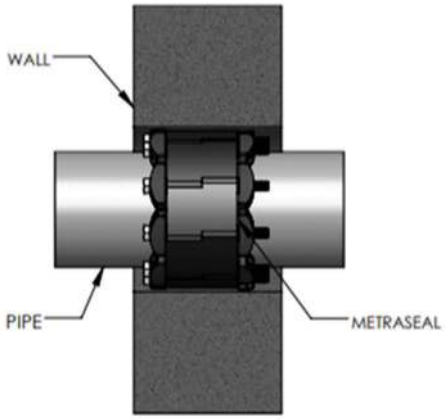
1. The standard MetraSeal is designed for pipe centered in a core drilled hole or wall sleeve. If the pipe is not centered a Metraflex Off Center Seal must be used.
2. Ensure that the piping is properly supported. The MetraSeal is not designed to take the place of pipe supports.
3. The pipe OD and wall sleeve / core drill ID must be clean and free from irregular surfaces. Weld beads and other imperfections may interfere with he Metraseal forming a watertight seal.

4. Wrap the belt around the pipe then connect the first and last links.

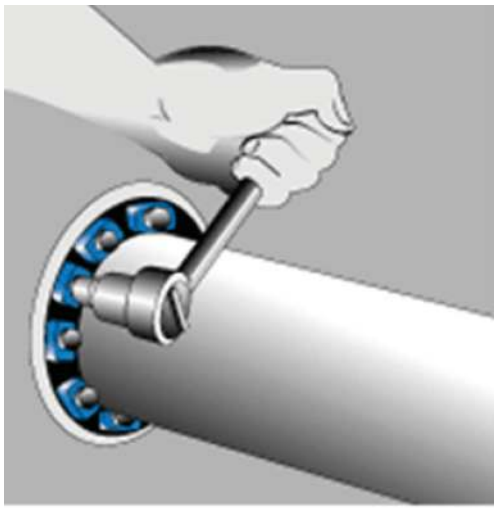
5. Slide the assembly into the opening between the pipe and core drill hole / wall sleeve.

Installation Cont.

6. Make sure that the bolt heads will be accessible after installation and recessed into the wall sleeve or core drill as shown.



7. Gradually and sequentially tighten the bolts. Tighten each bolt 2 to 3 turns making multiple passes completely around the pipe until the seal is secure. You should see the rubber links bulge out between the pressure plates.



Precautions

1. Make sure that the bolt heads are accessible for future service.
2. Periodically inspect MetraSeal to insure proper operation.

Maintenance: MetraSeal has no serviceable parts and does not require maintenance.

Contact Metraflex or your local Metraflex Representative with any questions.