

TRENCHLESS PIPE REHABILITATION



Pipe-Robo-Tec USA®

Mechanical pipe repair
for storm and sewer
systems



Pipe-Robo-Tec USA : a no-dig, mechanical pipe repair for storm and sewer systems

Pipe-Robo-Tec USA's sealing technology is a continuous mounting stainless steel system designed for non-accessible piping systems. It features a unique locking system that ensures the sleeve never slips or breaks the seal. Pipe-Robo-Tec USA is proven compatible for process water, wastewater, salt water, fuel and gas lines. Made of long-lasting, corrosion resistant stainless steel with a rubber compression sealing, the system is durable and approved for a variety of pipe materials.

Pipe-Robo-Tec USA effectively repairs longitudinal cracks, transverse cracks, radial cracks, broken fragments, root penetration and socket end leaks. S1E is distributing the Pipe-Seal-End®, Pipe-Seal-Flex®, and Pipe-Seal-Fix® products, as well as offering a NSF-certified and potable water solution in the future. With this point repair system, municipal piping problems can be easily solved with a long-term solution.

Benefits

- Suitable for storm and sewage water
- Protects joint from future infiltration/exfiltration
- Repairs offset joints
- Permanent internal sealing system
- Available for 6"-24" pipe diameters
- Trenchless point repair technology

Technical Specifications

- Rubber quality EPDM, NBR
- Rolled 316 stainless steel shield with elastometer seal
- Internal pipe pressure: 87 psi
- External pipe pressure: 43.5 psi
- Temperature range: 68°F-284°F
- Varying seal section widths available



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& Water Management Solutions

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Pipe-Seal-End

Pipe-Seal-End the application of the liner end seal does not depend on the liner thickness. Pipe-Seal-End forms a durable packing between the liner surface and the old pipe when the ground water is pressing. Available for 6"-24" pipe diameters.

Pipe-Seal-Fix

Pipe-Seal-Fix is the perfect solution for single mounting or stringing together a series of PSF seals to address longitudinal cracking. Available for 6"-24" pipe diameters.

Pipe-Seal-Flex

Pipe-Seal-Flex can be used to correct pipe misalignment and axial bending. Due to the alignment of lamellar openings of stainless steel sleeve, and the use of the sealing element EPDM, the sleeve forms a positive connection with the pipe wall. Available for 6"-24" pipe diameters.

Flex Mechanical Seal Sleeves

Part Number	Description
FPP-FLEX6-F2	6" Sleeve Flanged On Both Sides
FPP-FLEX8-F2	8" Sleeve Flanged On Both Sides
FPP-FLEX10-F2	10" Sleeve Flanged On Both Sides

Fixed Mechanical Seal Sleeves

Part Number	Description
FPP-SEAL6-F2	6" Sleeve Flanged on Both Sides
FPP-SEAL8-F2	8" Sleeve Flanged On Both Sides
FPP-SEAL10-F2	10" Sleeve Flanged On Both Sides
FPP-SEAL12-F2	12" Sleeve Flanged On Both Sides
FPP-SEAL15-F2	15" Sleeve Flanged On Both Sides
FPP-SEAL18-F2	18: Sleeve Flanged On Both Sides
FPP-SEAL21-F2	21" Sleeve Flanged On Both Sides
FPP-SEAL24-F2	24" Sleeve Flanged On Both Sides

End Mechanical Seal Sleeves

Part Number	Description
FPP-END6	6" End Seal Sleeve
FPP-END8	8" End Seal Sleeve
FPP-END10	10" End Seal Sleeve
FPP-END12	12" End Seal Sleeve
FPP-END15	15" End Seal Sleeve
FPP-END18	18" End Seal Sleeve
FPP-END24	24" End Seal Sleeve

Mechanical Seal Repair Packers

Part Number	Description
FPP-PACK6-8MS	6"-8" Mechanical Seal Packer
FPP-PACK8-12MS	8"-12" Mechanical Seal Packer
FPP-PACK14-20MS	14"-20" Mechanical Seal Packer
FPP-PACK21-24MS	21"-24" Mechanical Seal Packer

Mechanical Seal Equipment

Part Number	Description
FPP-WKDN8-12	Wheel Kit For 8"-12"
FPP-WKDN14-20	Wheel Kit for 14"-20"
FPP-WKDN20-24	Wheel Kit for 20"-24"
FPP-COUPPLINGROD	Coupling Rod For Mechanical Packer
FPP-CAM/ROD-MOUNT	Camera And Rod Mount



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