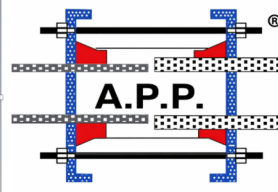


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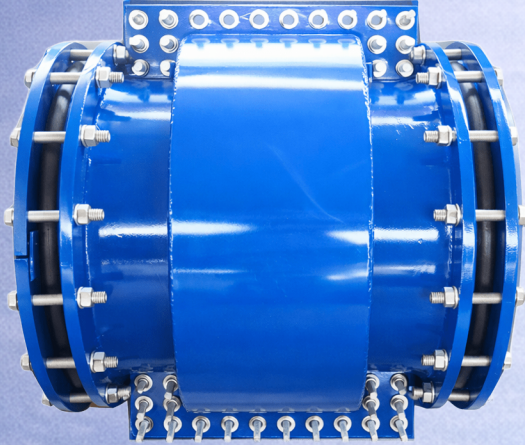
Sleeve Type Repair Clamp



hedef
Engineering Services
Industry and Trade Inc.

APP Engineering for Efficient and Secure Sleeve Restoration

APP Sleeve-Top Repair Adapters are meticulously engineered to address sleeve connections, which represent the most vulnerable point in asbestos (ASB), GRP, and concrete pipelines, by encasing them externally. They effectively eliminate leaks without necessitating the cutting of the pipeline or the removal of the sleeve.



KEY ADVANTAGES

- ▶ Enables fast repair by installing directly over the existing sleeve without removal
- ▶ Allows direct intervention on leaks without draining the pipeline
- ▶ Enlarged internal cavity design compatible with various sleeve outer diameters and lengths
- ▶ Pressure-responsive conical gasket system ensuring full sealing on both sides of the sleeve
- ▶ High-strength steel structure resistant to ground movement and high pressure
- ▶ Repair without interrupting water supply

PARTS AND MATERIAL SPECIFICATIONS

No	Component Name	Material and Technical Details
1	Half-Moon Flanged Bodies	ST 37 STEEL. High-strength, load-bearing structure.
2	Half-Moon End Rings	ST37 Steel. Pressure caps that exert force on the gasket.
3	Main Body Gaskets	EPDM / NBR. Pressure-sensitive sealing technology.
4	Tee Bolts/Bolts	8.8 Steel, Galvanized Coating. Exceptional corrosion resistance.
5	Conical Gasket	EPDM / NBR. Pressure-sensitive sealing technology.
6	Nuts and Washers	Galvanized 8.8 / AISI 304/316 Stainless Steel. Reliable locking mechanism.
7	Coating	Epoxy paint offers enduring protection and an extended lifespan.

AREAS OF APPLICATION

- Sleeve failures in AC (asbestos cement) pipelines
- Sleeve failures in GRP (glass fiber reinforced) pipelines
- Sleeve failures in concrete pipelines