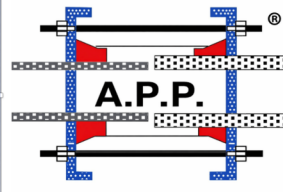


APP-U

Universal Coupling

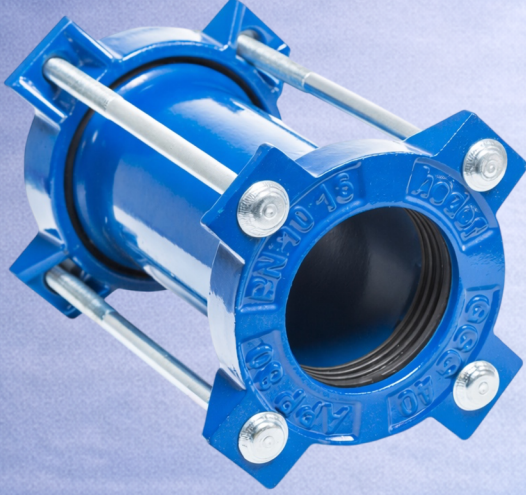


hedef
Engineering Services
Industry and Trade Inc.

One Solution for Every Pipe Type and Every Diameter: APP Engineering

APP Wide Tolerance Couplings are high-performance engineering solutions designed to safely join pipelines with different external diameters and materials, providing definitive and permanent solutions for pipeline failures.

KEY ADVANTAGES



- ▶ Compatibility with different pipe materials (Ductile Iron, Cast Iron, Steel, AC, PVC, PE, etc.)
- ▶ Flexible use with wide diameter tolerance
- ▶ Flexible structure that absorbs angular deflections up to 6° and ground movements
- ▶ Expansion and contraction tolerance up to 10 mm
- ▶ Easy installation in harsh conditions, even underwater
- ▶ Fast installation with a single wrench, lowering labor costs
- ▶ Reliable sealing performance under high pressure
- ▶ Permanent solution against leaks and seepage
- ▶ Long-lasting and reliable performance
- ▶ Economical solution that reduces stock variety requirements

PARTS AND MATERIAL SPECIFICATIONS

No	Bileşen Adı	Material and Technical Details
1	Sleeve	ST 37 STEEL. High-strength, load-bearing structure.
2	End Rings	Ductile Iron (GGG40/50) / ST 37. Pressure covers that exert force on the gasket.
3	Tee Bolts/Bolts	Galvanized 8.8 Steel / AISI 304 / 316 Stainless Steel. Exceptional corrosion resistance.
4	Conical Gasket	EPDM / NBR. Pressure-sensitive sealing technology.
5	Nuts and Washers	Galvanized 8.8 Steel / AISI 304 / 316 Stainless Steel. Reliable locking mechanism.
6	Coating	Epoxy/Thermoplastic Coating. Durable protection, extended longevity.

AREAS OF APPLICATION

- Potable water and infrastructure pipelines
- Industrial pipeline systems
- Treatment plants and pumping stations
- New pipeline connections
- Expansion and integration of existing pipelines
- Transition points between different pipe materials
- Maintenance and repair applications