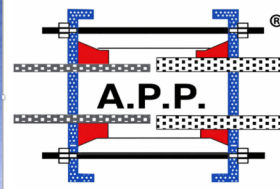


APP-TEE

APP TYPE TEE

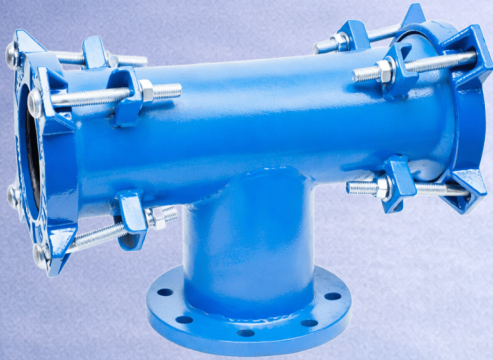


hedef
Engineering Services
Industry and Trade Inc.

Safe Branching and Line Division in Pipelines: APP Type Engineering

APP Type Tee Fittings are designed to provide fast, practical, and secure branching at any required angle or to split pipelines into two directions. Thanks to their wide tolerance design, they enable branching while simultaneously connecting different types of pipes within a single solution.

KEY ADVANTAGES



- ▶ Provides pipeline branching and pipe connection in a single body without additional fittings
- ▶ Allows branching from various pipe materials (Ductile iron, Cast iron, AC, PVC, PE, GRP, etc.)
- ▶ Ideal solution for branching at junction points between different pipe materials
- ▶ Absorbs angular deviations up to 6° and accommodates ground movement
- ▶ Expansion and contraction tolerance up to 10 mm
- ▶ Fast installation under harsh site conditions, reducing labor costs
- ▶ Cost-effective solution reducing stock variety

PARTS AND MATERIAL SPECIFICATIONS

No	Component	Material and Technical Details
1	Adaptor Tee	ST 37 STEEL. High-strength, load-bearing structure.
2	End Rings	ST37 Steel. Pressure caps that exert force on the gasket.
3	Flange	ST 37 Steel. Compatible with multiple flange standards.
4	Tee Bolts/Bolts	Galvanized 8.8 Steel / AISI 304 / 316 Stainless Steel. Exceptional corrosion
5	Conical Gasket	EPDM / NBR. Pressure-sensitive sealing technology.
6	Nuts and Washers	Galvanized 8.8 Steel / AISI 304 / 316 Stainless Steel. Reliable locking
7	Coating	Epoxy/Thermoplastic Coating. Durable protection, extended longevity.

AREAS OF APPLICATION

- Potable water transmission and distribution pipelines
- Industrial pipeline systems
- Treatment plants and pumping stations
- New pipeline branch connections
- Valve and equipment connections
- Flow meter and instrumentation installations
- Fire hydrant and equipment connections
- Integration of pipelines made from different materials