

Tender specification Pipe coupling

Tender specification for pipe couplings that provide axial restraint, for pipe systems with plain-ended metal pipes and fittings for pressure or suction lines in the application fields of:

Water and waste water, gas, compressed air, industrial plants, shipbuilding, seawater systems, offshore, petrochemical industries, fire fighting and maintenance

Flexible pipe coupling with progressive sealing and anchoring effect, permitting angular deflection (1) and giving an axially restrained (thrust resisting) connection of plain-ended metal pipe and pipe fittings; shall not require special end-preparation of pipe and fittings, and shall eliminate anchor points.

Casing stainless steel AISI 316 Ti, internal components stainless steel, lock parts stainless steel or carbon steel galvanized.

Sealing sleeve made of EPDM, NBR or VITON (2).



Pipe coupling	
Working pressure	bar
Pipe OD	mm
Sealing sleeve	
Lock parts	

Remarks

1. Coupling shall be capable of up to 5° angular deflection in any direction, according to size.
2. *EPDM* for all qualities of water, waste water, air, solids and chemical products (3).
NBR for water, gas, oil, fuel and other hydrocarbon fluids (3).
VITON for ozone, oxygen, acids, gas, oil, fuel and higher temperatures, with strip inserts only (3).
3. Chemical resistance chart shall be available on request.

Important

Strip insert shall only be required when gap between pipe ends is excessive, in the presence of swelling, under vacuum, external pressure and higher temperatures. It shall not be necessary under normal operating conditions.