

Tender specification

Pipe coupling without restraining effect

Tender specification for pipe couplings without axial restraining effect, for pipe systems with plain-ended pipes and fittings, of any type of material, with or without surface protection, for pressure or suction lines in the application fields of:


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

Flexible pipe coupling with progressive sealing effect, permitting angular deflection (1) and giving leak proof compensation of axial movement, stress-free connection of plain-ended pipe and pipe fittings of any material; shall no require special end-preparation of pipe and fittings.

Casing in stainless steel (AISI 316 Ti), Lean-Duplex (S32101), Duplex (S32205) or carbon steel hot dip galvanized (70 - 100 microns).

Lock parts in 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, and fuel, higher temperatures, with strip inserts only (3).
3. Chemical resistance chart on request.

Important

Strip inserts are 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.