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straub® the right connection

Tender specification

Pipe couplings for transitions metal / plastic

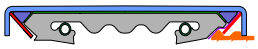
Tender specification for pipe couplings that provide axial restraint, for pipe systems where plain-ended metal pipes/fittings and plastic pipes/fittings have to be connected in pressure or suction lines in the application fields of:

Water and waste water, gas, compressed air, shipbuilding, seawater systems, offshore, fire fighting, mining and industrial utility pipeline systems.

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/pipe fittings to plain-ended plastic pipe/pipe fittings; not requiring special endpreparation of pipe and fittings, and shall eliminate anchor points.

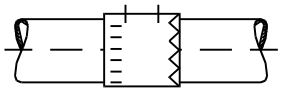
Casing stainless steel DIN 1.4301, internal components stainless steel,
lock parts carbon steel with protective coating (2)

Sealing sleeve with sealing lips made of synthetic elastomer (3).



Transition coupling	PN16	
Pipe O.D. P	.....	mm
Pipe O.D. M	.....	mm
Sealing sleeve	.....	
Lock parts	.....	

Symbol



Remarks

1. Coupling shall be capable of up to 5° angular deflection in any direction, according to size.
2. Available in stainless steel on request.
3. *EPDM* (ethylene-propylene) for all water qualities, waste water, air, solids and chemical products (4).
   NBR (nitril-butadiene) for lub-oil, crude oil, diesel oil, natural gas and other hydrocarbon fluids (4).
4. Chemical resistance chart shall be available on request.

Important

For installation on polyethylene pipes or other soft thermoplastics we recommend the use of the stiffening ring.
Strip insert shall only be required when gap between pipe ends is excessive, in the presence of swelling or under vacuum or external pressure. It shall not be necessary under normal operating conditions.

All major approvals shall be available for all products within the range.

According to ASTM F1476/F1548 Type II, Class 2, DIN 86128