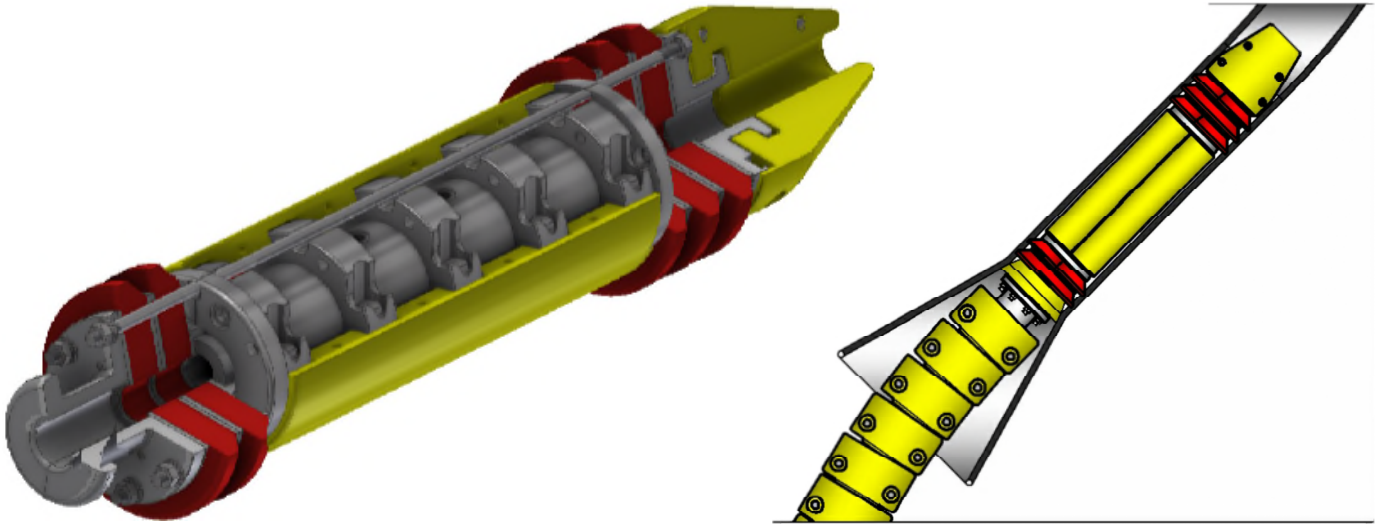


# J-TUBE SEAL



## DESCRIPTION:

J-Tube seal manufactured by PCS Italiana is suitable for setting submarine cables in position while entering the j-tube bell-mouth and provide a safe and longlasting solution.

Sealing is granted by action on both cable sheath and on j-tube inner walls thus delivering the necessary sealing to water flow when corrosion prevention inhibitor are present into j-tube.

The basic design is suitable for cables with extruded outer sheaths as the j-tube seal will directly be in contact with the extruded sheath.

Specific design can be provided in the event cable sheath is made in PPY and according to pressure and tightening required.

It has a diverless design thus to allow assemble on vessel right before laying and avoid divers operation in water; it is also fitted with necessary coupling flange to accommodate PCS-Bend Restrictors.

Basic design for metallic parts foresee use of SS316L, upon requirement it can be proposed in Superduplex.

## MATERIAL:

- Inner flanges and body : SS316L
- Sealing elements and body : Soft and Hard  
Polyurethane
- Bolts & Nuts : AISI 316 A4

## ENTRY DATA FOR DIMENSIONING:

- Cable details and j-tube details

## MAIN DIMENSIONS AND DATA:

- Full length : 1319 mm
- Straight length into j-tube : 890 mm
- Body outer diameter : 220 mm
- Body inner diameter : 95.4 mm
- Seal ring diameter : 245 mm
- Weight in air (approx) : 112 Kg
- Weight in water (approx) : 79 Kg
- Maximum allowable load : 500 Kg