



FLUID RETENTION PLUG

OVERVIEW

The Proplug Fluid Retention Plug is used to retain fluids during installation of jumper spools subsea. Typically the plugs are installed topside into the jumper before lowering subsea. Upon completion of lowering the spool to the correct water depth, the plugs are removed.

OPERATION

The plug comprises of a central body, a hydraulic cylinder (single acting) and multiple polyurethane seals. When hydraulic pressure is applied to the cylinder, the reaction forces compress the polyurethane seals creating a seal on the inside of the connector / pipe. Additional pressure is applied to produce sufficient friction to withstand the force due to pressure. Following completion of spool deployment, the plugs are removed by ROV. The recovery procedure involves cutting the hydraulic line (to unset the seals) and retrieving the plugs using the dedicated recovery line.

FEATURES

- Pipe plug available from 2" to 12"
- Designed for installation into subsea connectors, pipes or hubs
- Designed for topside installation and recovery by ROV or Diver
- Pressure holding (internal or external) capability from: Ambient up to 10 Bar (Size dependant)
- All plugs supplied with installation & recovery kit.

OPTIONS

- Bypass / Inlet Port c/w Check Valves
- Inlet Filter Canisters



Optional Filter



Typical Fluid Retention Plug Supply



Fluid Retention Plugs Installed