



EXTERNAL PIPELINE PLUG

OVERVIEW

The Proplug External Pipe Plug is fitted to a pipeline end to create a temporary seal OR to allow connection of other pipeline equipment. When the plug is hydraulically activated it both grips & seals on the outside of the pipeline. There are two benefits to gripping & sealing externally:

1. The plug has a full internal bore allowing for pigging operations
2. The tool is NOT pipeline schedule dependant

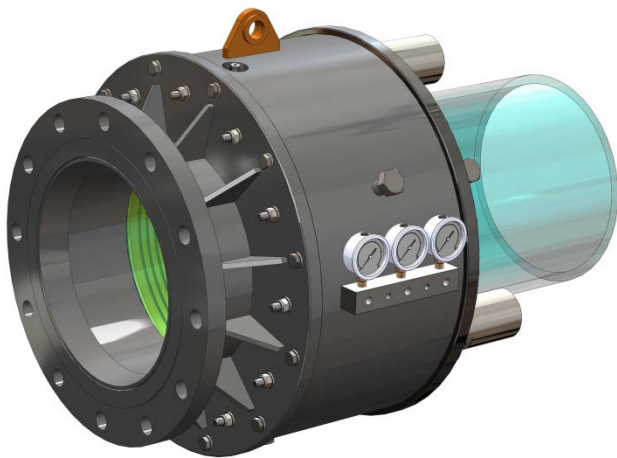
The introduction of hydraulic set pressure activates a mechanical lock assembly (grippers) that grips the OD of the pipe. The design of the gripping system is such that they are "self-gripping", continuously tightening when under pressure. The plug has a separate circuit that allows for energisation of a PRO-CORE elastomeric seal which seals on the OD of the pipe.

APPLICATIONS

- Temporary connection/flange for pipeline pressure testing
- Mechanism for attaching a temporary pig launcher/receiver (see below)
- Pipe handling tool (without the seal)
- Pipeline Recovery Tool (PRT)
- Temporary pipeline connection (Joining two sections of pipe)

FEATURES

- External pipe plug available from 6" to 48"
- Designed for topside OR subsea use (ROV / Diver)
- Plug design is not pipe schedule dependant as the seal/grip is done on the pipe OD
- Pressure capability from Ambient up to 200 Bar.
- Utilises PRO-CORE high pressure tyre system
- Pipe gripper system is modular design, adjusted to suit pressure holding requirement



Typical External Pipe Plug



A 14" NS External Pipe Plug
c/w Temporary Pig Launcher