

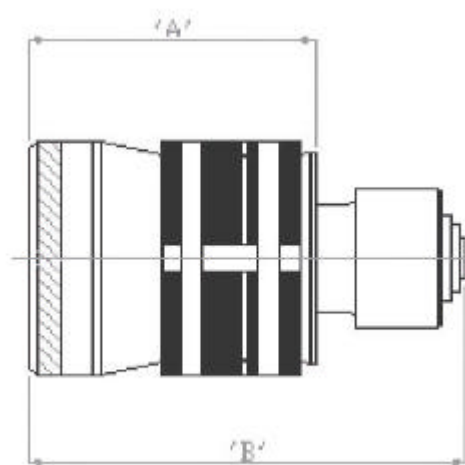


## GRIP LOCK PIPE PLUGS

| NS  | Sealing Length (A)            | Overall Length (B) | Pressure ratings |
|-----|-------------------------------|--------------------|------------------|
| 1"  | 67                            | 139                | 207 Bar          |
| 2"  | 133                           | 185                | 207 Bar          |
| 3"  | 155                           | 240                | 207 Bar          |
| 4"  | 170                           | 304                | 207 Bar          |
| 6"  | 245                           | 414                | 207 Bar          |
| 8"  | 309                           | 510                | 207 Bar          |
| 10" | 307                           | 500                | 207 Bar          |
| 12" | 367                           | 520                | 207 Bar          |
| 14" | 367                           | 520                | 150 Bar          |
| 16" | 389                           | 554                | 150 Bar          |
| 16" | Refer to technical department |                    |                  |

### General function and application:

PE's grip-lock pipe plugs are used as a pipe end seal to prevent the outflow of line product or the inflow of debris. They can also be used for emergency isolation while a repair or inspection is carried out.



### Manufacture

The bodies are made from carbon steel and the seals from PE's proprietary low hysteresis elastomer formulation. The tools are fully tested and certified prior to mobilisation.

### Application and operation

As the grip lock plug is tightened inside the pipe the seal expands and the vice rings progressively grip against the pipe wall. The seal is self-energising in that as internal pressure is applied the seal is further compressed. A section of the seal package is abrasive coated to improve grip. Plugs feature a by-pass port to allow pressurisation, filling, venting or pigging. Typically sizes up to 6 " are mechanically tightened and 8 " and above are hydraulically tightened.

### Configurations, sizes and pressure ratings

Plugs are available for sale or rental up to 16 " diameter. The safe working pressure of the grip-lock pipe plugs is up to 207 bar.

For equipment above 16 ", specified pressures and specialised applications, please contact our Sales Team or Technical Office.

Visit our web site : [www.petrosystem.it](http://www.petrosystem.it)