

Single Set Grouting Packer

Product Description:

The Single Set Grouting Packer is an efficient solution for rapid deployment and single-run grouting or cement squeeze operations. Designed for high-performance sealing, the packer is inflated directly via the drill pipe through an integrated check valve, completely eliminating the need for external inflation lines.

The system allows for precise zone isolation. Once the packer is seated, a predetermined shear-out sub is pumped out to initiate the grouting sequence. This allows operators to isolate specific fractured zones or geological faults, squeeze cement into the target area under pressure, and, if required, dump cement above the packer to permanently abandon the well or fill the remaining borehole.

Applications:

- ◆ **Water Ingress Control:** Managing and sealing off unexpected water flow in underground structures.
- ◆ **Tunneling Projects:** Providing structural integrity and stabilisation during excavation.
- ◆ **Zone Isolation:** Specifically designed to isolate fractured rock or faults for targeted cement squeezing.
- ◆ **Well Abandonment:** Provides a secure bridge for dumping cement to permanently seal and abandon boreholes.

Benefits:

- ◆ **Integrated Inflation:** The internal check valve system removes the need for an external inflation line.
- ◆ **Operational Speed:** The design saves time compared to traditional tremie pipe or multi-stage grouting methods.
- ◆ **Reliable Disconnect Method:** Features a right-hand rotate release sub for clean and simple retrieval of the run-in pipe after the job is finished



Differential Pressure Rating vs. Hole Size:

