

Injection Equipment

Fields of Application

Equipment has been designed for the injection of products such as:

- polyurethane adhesive,
- organic-mineral glues,
- phenol foams,

Advantages

Wide range of product.
Easy usage.

Available as:

- Injection pipe (supply) 1,5 m
- Injection pipe (supply) 2 m
- Extension plastic pipe 1,5 m
- Extension plastic pipe 2 m
- Injection packer Ø 40 mm
- Injection packer Ø 36 mm

Product characteristics

Injection packer consists of a steel tube with a diameter 21.3 x 2.3 mm and a length of 332 mm, made of steel 18G2A threaded at both ends. The outer part of packer is a rubber hose Ø 36 mm or 40 mm.

Injection equipment consist of pipes with a diameter 21,3 mm (steel 18G2A or R35) with welded two connections STECKO DN 10 and connection in the form of a sleeve with internal thread, which allows screwing an injection packer.

| | Maximum outer diameter after expansion. | Necessary pressure to expand. | Necessary pressure to break a membrane | Outer diameter of packer |
|-----------|---|-------------------------------|--|--------------------------|
| Packer 40 | 70 mm | 6 MPa | >6 MPa | 40 mm |
| Packer 36 | 65 mm | 6 MPa | >6 MPa | 36 mm |



Method of use:

Install the packer with the feed pipe into a borehole and start pumping. At one end turns terminal (muff steel), which supports a plastic membrane. The membrane pinches the ball through the spring. The membrane, ball and spring form a valve which opens under pressure of the injected product.

Information on safe use:

It meets hygienic requirements and the requirements of the Polish and European Union laws on marketing, also for materials intended for use in underground workings of mining companies, in non-methane and methane spaces included in the explosion risk "a", "b" or "c" degree and dust coal explosion risk class A or B.