

Operating instructions for inflatable pipe stoppers and pipe testers

Preparation of the shut-off device:

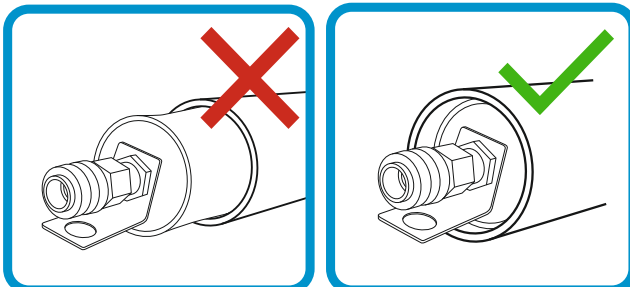
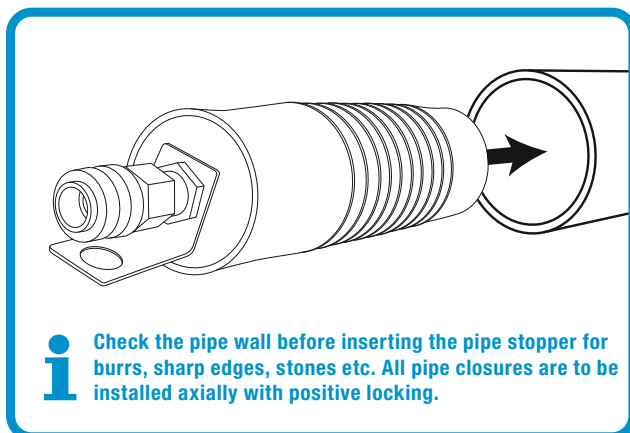
Before starting the work, the diameter or dimension of the pipe or duct to be sealed must be determined and the suitable pipe closure selected according to the measured dimension.

Never use a pipe stopper for nominal diameters larger than those intended for it!

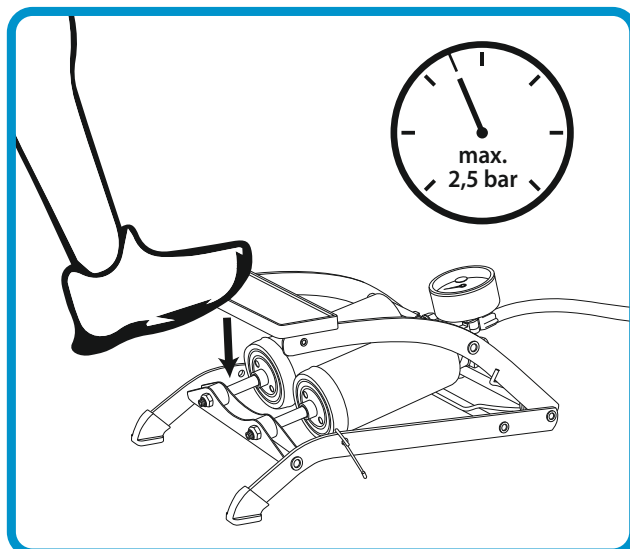
The support or duct section to be sealed must be inspected for burrs, sharp edges, stones, etc. in the area where the pipe stopper rests (on the pipe wall) and freed from them. Furthermore, it must be determined whether the physical properties of the pipes to be closed can withstand the operating pressure of the pipe closures and testing devices.

Before inserting the pipe stopper, check the rubber outside for possible damage (e.g. cuts caused by improper transport).

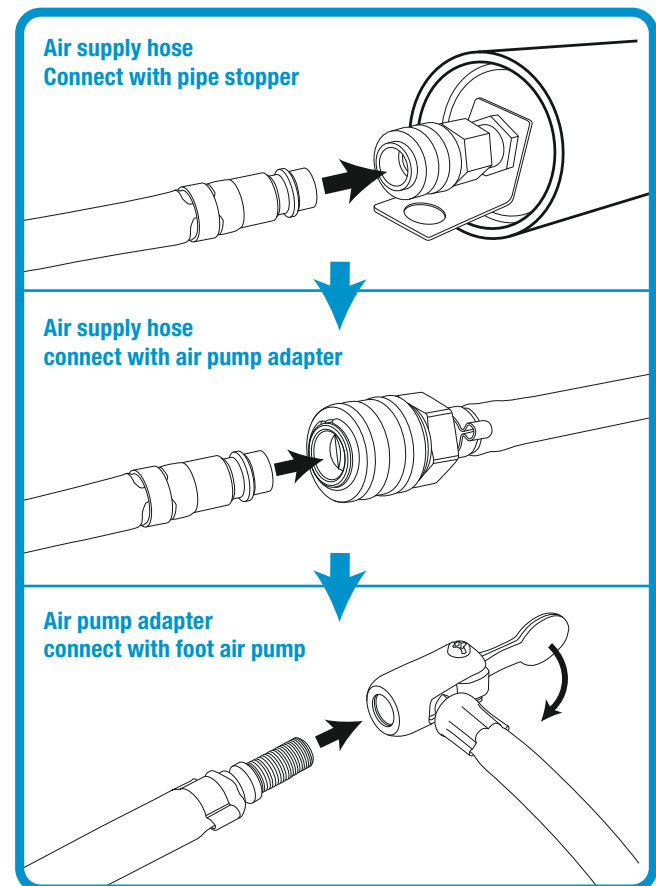
1 Place the pipe stopper!



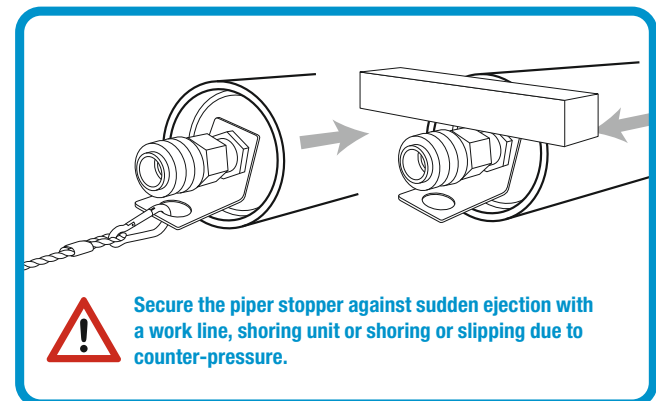
3 Fill the pipe stopper!



2 Connecting



4 Secure the pipe stopper!



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Intended use:

In dangerous situations, the disaster equipment case provides all the necessary utensils, is immediately ready for use, quick and easy to handle and absolutely reliable. In the event of a flood, it protects buildings against water entering via the sewerage system and prevents basements or basements from being flooded - the pipe stopper is set directly in the house connection area.

It is also used in the event of accidents involving hazardous substances and serves to contain the danger. It reliably protects the sewer system or groundwater from incoming liquids and hazardous substances.

Rules of operation:

The pipe stopper is then inserted into the pipe or duct section to be sealed so that the end of the pipe or duct protrudes briefly beyond the stopper used.

The entire sealing surface must lie evenly against the pipe wall. Then the pipe stopper is connected to an air supply hose and the safety control unit for filling with compressed air, selected according to the specifications on the device.

In accordance with the requirements of the employers' liability insurance association and the applicable accident prevention regulations (UVVen), a shoring unit or shoring must be fitted to prevent the pipe stopper or pipe tester from being suddenly ejected or slipping due to the counterpressure that occurs. All pipe stopper and pipe testing systems must be installed axially with a positive fit. Before the residual filling of the shut-off devices, it must be ensured that nobody is left in the pipe or shaft.

It must be ensured that no dust, oil, condensation water or antifreeze is contained in this air when filling the pipe closure with compressed air. If necessary, an appropriate separator must be used.

If during operation of the pipe stopper a temperature increase of more than 50 degrees Celsius is to be expected, the pipe plug must remain connected to the safety control unit!

Emptying and disassembly:

Before releasing the operating pressure, make sure that the test section or shut-off pipe is completely emptied (release of test pressure or water column).

Only then may the shoring be removed. It must be ensured that no persons are near or in the manhole during the lowering process.

