

General Safety Rules

- Operators should familiarise themselves with the User Manual prior to using the Pipe Stoppers.
- Outside the pipe, Pipe Stoppers can be inflated up to a maximum of 0.1 bar.
- Maximum operating pressure must not be exceeded during any part of the process. Maximum operating pressure is indicated on the Pipe Stopper label.
- Pipe Stoppers must only be used in cylindrical pipes.
- The safety of operators and the environment must be considered.
- Operators must wear appropriate PPE: Safety boots, gloves, hard hat and goggles are recommended.
- The air source must not contain too much oil.



Prior to Use

- Always check if there is any damage to the surface of the Pipe Stopper and do not use if any damage is evident.
- Contact Source One Environmental in case of doubt.
- Check the air controller, security valve, manometer and other accessories used to inflate the Pipe Stopper.
- Measure the pipe diameter and ensure the correct size of Pipe Stopper is used.
- Remove dirt and debris from inside the pipe prior to insertion of the Pipe Stopper.
- Tie an extraction/anchor rope to the hook at the end of the Pipe Stopper.

Using the Pipe Stopper

- Ensure the Pipe Stopper is fully inserted into the pipe.
- Use the extraction/anchor rope attached to the eyelet on the Pipe Stopper to prevent loss or movement prior to and during inflation.
- Use a controlled air flow to inflate the Pipe Stopper.
- Inflate the Pipe Stopper until it reaches the internal surface of the pipe. Move to a safe distance and continue to inflate the Pipe Stopper to the maximum operating pressure. Do not remain within the manhole.
- Do not exceed the maximum operating pressure - this is indicated on the Pipe Stopper label.
- If using an air source with 200/300 bar capacity, always use a pressure redactor valve.
- Continuously monitor the operating pressure while inflating.

Deflation & removal of the Pipe Stopper

- Deflate the Pipe Stopper from a safe distance in a controlled and slow manner until the pressure reading is zero.
- Ensure no-one is within the manhole during deflation.
- Remove the Pipe Stopper by pulling the extraction rope that was fixed prior to installation.
- Wash the Pipe Stopper with water or soap after use.
- Dry at room temperature.
- Check the Pipe Stopper for damage.
- Do not repair damaged Pipe Stoppers. Contact Source One Environmental for further advice.

Storage

- Store between +10°C and +30°C.
- Do not store in a wet environment.
- Protect the Pipe Stopper from direct exposure to sun or other light sources.
- The Pipe Stopper must not be stored in contact with metal, other Pipe Stoppers or chemicals for prolonged durations.

