

« Basic » Inflation Equipment Feature

Permanent safety plug to protect environment

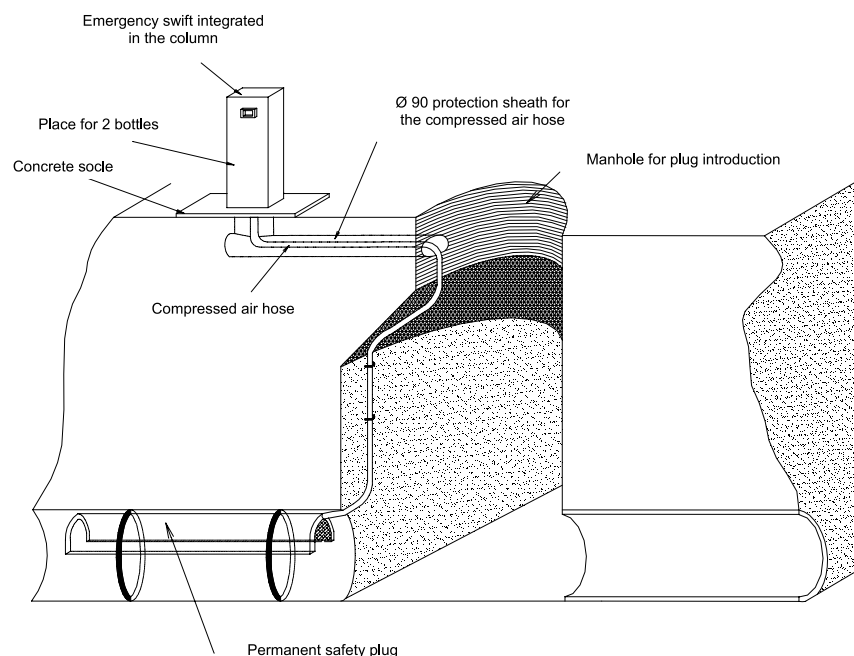
Air Source

The **MUSTstop® Securit** plug can be connected directly to the compressed air network of the site or to nitrogen bottles. Nevertheless, to satisfy the safety requirements, we hardly recommend our customers to have a proper autonomous air source (in case of fire for example). This air source capacity will be determined according to the plug volume.

We can also provide an emergency swift supplied with one or several 200 bar nitrogen bottles (20 liters'capacity).

- ▶ Bottles are placed in the lower part of the emergency swift.
- ▶ We recommend to use the B20 bottle equipped with a 200 - 10 bar pressure reducer and with a pressure reducing (provided by Musthane).
- ▶ From the Ø 700 mm : 2 bottles can be placed in the column supplied with an air distribution ramp.
- ▶ One advantage of this system is its easy use. The **MUSTstop® Securit** release is possible by activating the emergency red switch.

The emergency swift



- ➊ The plate will operate the inflation of the **MUSTstop® Securit**. It can be set up on a wall, or on the concrete socle. It is supplied with its integrated column that contains bottles.

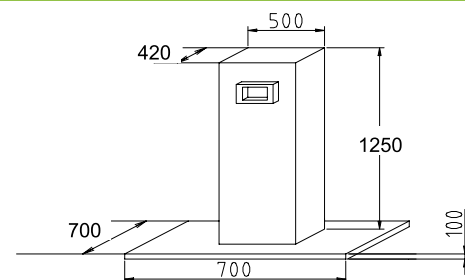
- ➋ The emergency swift is equipped with an emergency switch under glass casket to release the inflation of the system, an emergency switch with a key for deflation, a self-regulator adjusted to the inflation pressure of the plug, a compressed air gauge showing the pressure into the plug, 2 pneumatic/electric solenoid valves controlling the manifold and a Venturi system to accelerate the deflation.

- ➌ On request, the emergency swift can release independently or simultaneously several **MUSTstop® Securit**.

NB : The compressed air hose that connects the plug to the emergency swift resists to hydrocarbons and chemical products.

- ➍ In case of an accident, you just have to release the system by pressing upon the emergency switch, or by activating the distance release system (from a guardian post for example). The **MUSTstop® Securit** will be inflated in a few seconds and flows will be held. As soon as products are pumped or turned into the retention basin, you just have to activate the emergency switch with a key in order to deflate the **MUSTstop® Securit** and turn it back to its first position.

Emergency swift



Other dimensions are available.



Advantages

- ➊ The polyester watertight emergency swift resists to the bad weather.
- ➋ The system is compatible with the electric wire, radio or GSM release on distance (top of the range supplies).
- ➌ Deflation of the stoppers is three times faster than with a traditional Venturi : 150L/minutes against 50L/minutes (more ais is saved).
- ➍ Deflation is automatic. No handling of valve has to be made.
- ➎ Deflation is secured by an emergency switch with a key which makes the system reliable, simple and rapid of use.

Other fittings provided by the customer

A protection sleeve (90 mm diameter) to insert the compressed air hose that connects the **MUSTstop® Securit** to the emergency swift. This protection sleeve will be placed in a housing drilled in the ground. By the way, it enables to have a safe and discrete connection.

↳ to provide a concrete socle to fix the emergency swift.

MUSTHANE can act as a global contractor by coordinating your usual sub-contractors).

Safety measures

- ➊ To check the correct diameter of the pipe.
- ➋ To wash the pipe before setting the **MUSTstop® Securit**
- ➌ To place the air source at a maximum distance of 15 meters of the **MUSTstop® Securit** plug to avoid pressure losses.
- ➍ During the set up of the **MUSTstop® Securit** plug, the flow in the pipe must be high.

MUSTStop® is a comprehensive product line including **MUSTstop® High Flexible Plugs**. **MUSTstore® Flexible tanks** enable you to store hydrocarbons, industrial liquids, chemical products and other polymer made products meeting your specifications.

Concerned with the quality of the products, MUSTHANE reserves rights to modify specifications without prior notice. This document and its information are not contractual. Please refer to our sales and warranty conditions.