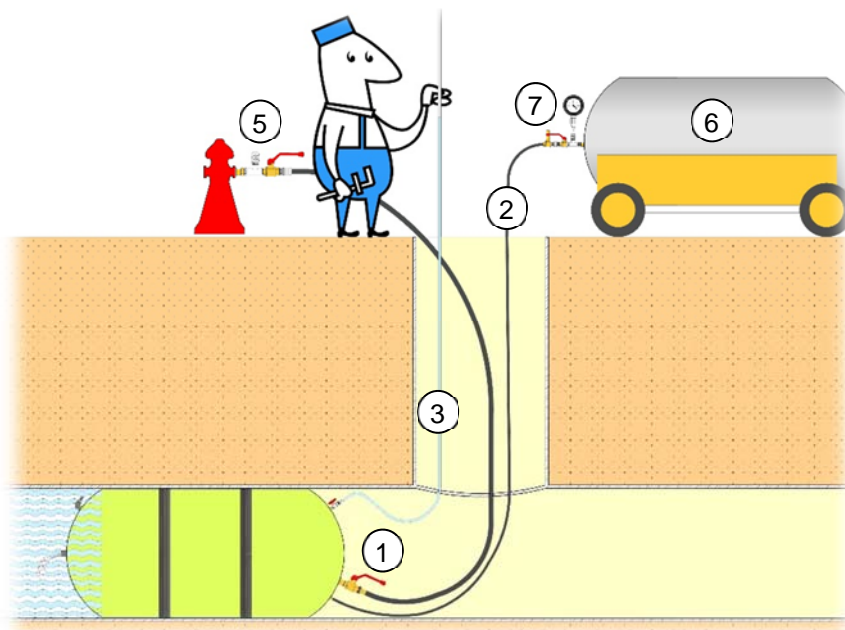


The pneumatic stopper type **FOG/SC** is suitable to carry out pressure test of pipes (together with type **FOG/NC**); or to plug temporarily circular section pipes like sewer lines, drainages etc. in order to separate totally the section of the pipe containing the liquid from the section where it is necessary to make a repair or maintenance work.

SO.CA.P. *Reserves the right of making changes to the products and their technical characteristics without notice.*

Scheme of application



The pneumatic stopper type **FOG/SC** can be inflated with air or nitrogen through a flexible hose fitted with a valve and safety vent valve.

This stopper is made with synthetic fabric coated on both faces with platomers resistant to water based and non corrosive liquids.

This stopper (only for large diameters) is fitted also with handles for its positioning into the pipeline.

- 1 Coupling to water tube for filling
- 2 Flexible hose 6 mt long for inflating
- 3 Transparent hose 9 mt long for air vent and test pressure measuring
- 4 Metal rings to fix a retain line to avoid stopper movement during deflation
- 5 Connecting coupling with valve to water outlet point
- 6 Air compressor
- 7 Air compressor coupling with valve, pressure gauge and safety valve



PNEUMATIC STOPPER

TYPE FOG/SC

Description

The pneumatic stopper type **FOG/SC**, can be inflated with air or nitrogen and is made with synthetic fabric coated on both faces with plastomers resistant to water based and non corrosive liquids. This type of stopper is fitted with two internal by pass, one for placing the test fluid into the pipe and the other for venting the air of the pipe. The pneumatic stopper is fitted with handles for its correct positioning into the pipe; for inflating it is fitted with a flexible hose and valve and a safety vent valve.

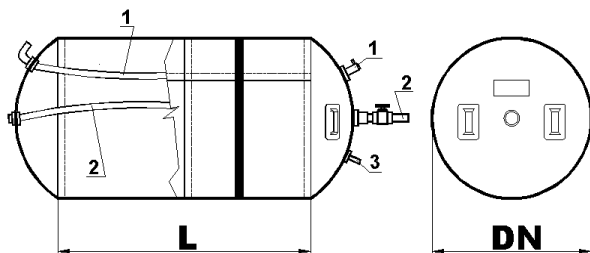


Usage

The pneumatic stopper type **FOG/SC** is suitable (together with type **FOG/NC**) to carry out pressure tests when it is not possible to place the fluid in the pipe through other openings.

The pneumatic stopper type **FOG/SC** is also suitable to plug temporarily circular section pipes like sewer lines, aqueducts, drainage lines etc. in order to separate totally the section of the pipe containing the liquid from the section where the repair or maintenance work has to be made.

Technical datas



- 1 Air vent internal by-pass (*)
- 2 Test fluid gate valve (**)
- 3 Inflating hose (***)

Material : Synthetic fabric coated on both faces with plastomers

Max. temperature of use	+50°C
Storage temperature range	-10°C +50°C
Maximum inflating pressure	from 0.8 to 1.9 bar
Maximum pressure in the pipe	70% of the Maximum Inflating pressure
Standard diameters	from 200 to 1700 mm
Length / Diameter ratio	1.5
(2**) COUPLING SIZE	DIAMETER REF.
25 mm	200 mm to 390 mm
30 mm	400 mm to 600 mm
35 mm	≥ 610 mm

Diameter of the Stopper (DN) (mm)	Maximum inflating pressure (bar)	Min. diameter opening for stopper insert (mm)
200	1.7	100
250	1.6	120
300	1.5	140
350	1.5	150
400	1.4	160
450	1.3	170
500	1.1	180
550	1.0	190
600	1.0	200
650	1.0	215
700	0.9	230
750	0.9	250
800	0.9	265
850	0.9	285
900	0.9	300
1000	0.8	330
1100	0.8	365
1200	0.8	400
1300	0.8	430
1400	0.8	460
1500	0.8	490
1600	0.8	520
1700	0.8	550

Supplied accessories

- ◆ (*) Piezo-metric transparent flexible hose 9 mt long to conduit test
- ◆ (***) Inflating flexible hose 6 mt long with valve
- ◆ Safety valve or Vent valve
- ◆ Metal rings (≥ DN 300)
- ◆ Emergency repair Kit (Patches and Adhesive Solution)

Optional accessories

- ◆ Manual or hand pump
- ◆ Inflating gun with manometer