

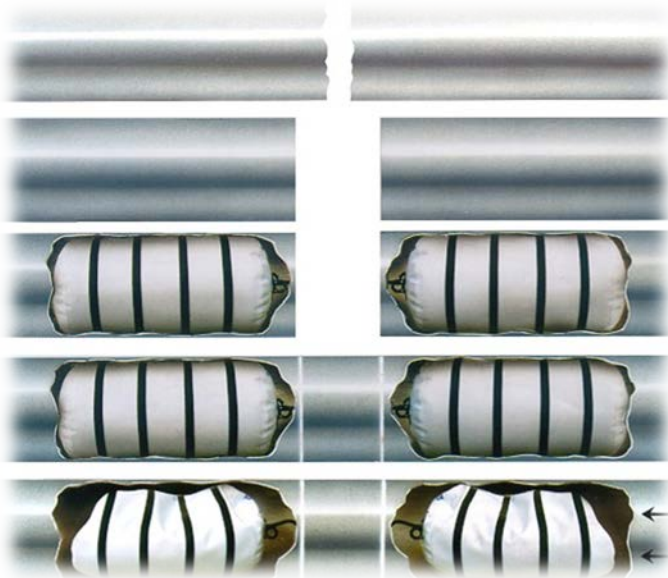
The pneumatic stopper type **H** is suitable to plug temporarily circular section pipes like oil and gas lines at relatively high pressures.

This pneumatic stopper is made with synthetic fabric coated on both faces with oil resistant plastomers and is fitted with 4 sealing rings to enhance its resistance to the residual pressure present in the pipe.

It can be inflated with air or nitrogen through a flexible hose with a valve and a vent safety valve. The elasticity of its diameter is such to allow a perfect sealing in the pipe.

This stopper is fitted with handles for its correct positioning into the pipe.

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



1. Pipeline to be repaired
2. The pipe after having been cut, with the broken section already removed
3. Placing and inflating the pneumatic stoppers
4. Welding of a new pipe section
5. After welding, the stoppers will be pushed along the pipeline by the flow until the point of retrieval

This pneumatic stopper, **having no metal parts**, can be abandoned into the pipeline where friction against pipe walls breaks it. Its residual parts will be recovered at filters or pig-traps.



PNEUMATIC STOPPER
TYPE H
Description

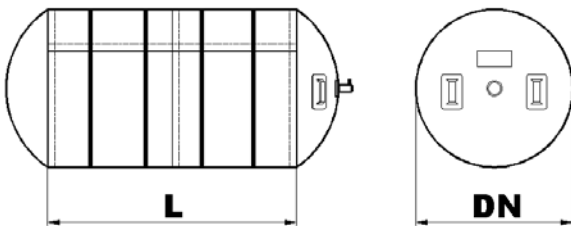
The pneumatic stopper type **H** can be inflated with air or nitrogen and is made of synthetic fabric coated on both faces with oil resistant plastomers; its diameter elasticity enables its perfect sealing in the pipeline.

This pneumatic stopper is fitted with handles for its correct positioning inside the pipe and for inflating it is fitted with a flexible hose with a valve and a safety vent valve.

Usage

The pneumatic stopper type **H** is suitable to plug temporarily circular section lines like oil lines, gas lines at relatively high pressure.

For this purpose this stopper is fitted with 4 sealing rings to improve its resistance to the residual pressure present in the pipeline. Having no metal parts, it can be abandoned inside the pipeline when friction against pipe walls breaks it. Its residual parts will be recovered at filters and pig-traps.


Technical data


Material : Synthetic fabric coated with plastomers

Max. temperature of use	+50°C
Storage temperature range	-10°C +50°C
Maximum inflating pressure	from 0.4 to 2.0 bar
Maximum pressure in the pipe	70% of the Maximum inflating pressure
Standard diameters	from 100 to 1780 mm from 4 to 70 inch
Length / Diameter ratio	1.8

Diameter of the stopper (DN)		Maximum inflating pressure	Min. diameter opening for stopper insert	
(mm)	(inch)	(bar)	(mm)	(inch)
100	4	2.0	70	3.0
152	6	2.0	80	3.0
203	8	1.9	100	4.0
254	10	1.8	120	5.0
304	12	1.7	140	5.5
355	14	1.7	150	6.0
406	16	1.5	160	6.0
457	18	1.4	170	7.0
507	20	1.2	180	7.0
558	22	1.1	190	7.5
609	24	1.0	200	8.0
660	26	0.9	215	8.5
711	28	0.9	230	9.0
761	30	0.8	250	10.0
812	32	0.8	265	10.5
863	34	0.7	285	11.0
914	36	0.7	300	12.0
1066	42	0.6	330	13.0
1168	46	0.6	365	14.0
1270	50	0.5	400	16.0
1371	54	0.5	430	17.0
1473	58	0.5	460	18.0
1574	62	0.5	490	19.0
1676	66	0.5	520	20.0
1778	70	0.5	550	22.0

Supplied accessories

- ◆ Flexible hose 3 m. long with valve
- ◆ Safety vent valve or Vent valve
- ◆ Emergency repair Kit (Patches and Adhesive Solution)

Optional accessories

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