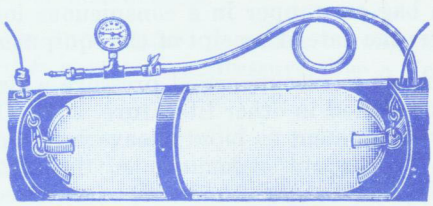
Pipe Line Stoppers

CYLINDRICAL STOPPER



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P. O. BOX 371
RIDGEFIELD, N. J. 07657
201 - 854 - 3461

BULLETIN #2380

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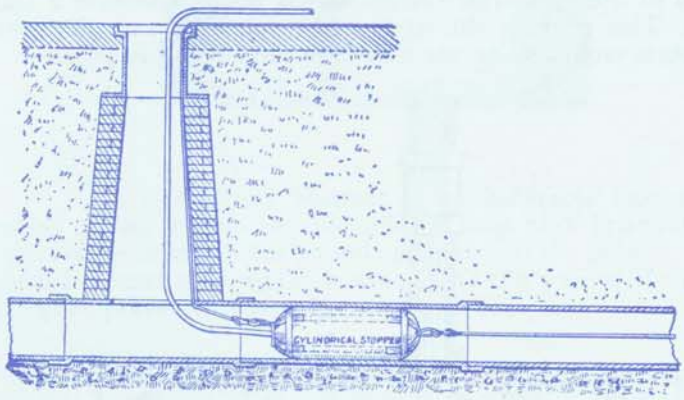
CYLINDRICAL STOPPER

FOR SEWER WORK



FOR USE IN SEWER WORK

In sewer work the most practical way to use the Stopper is to drop it into a manhole and allow it to drift with the stream to the desired point where it should be held by the rope and inflated until the flow is stopped.

FOR TIDE WORK

For tide work in either sewers or suction pipe, when the tide is rising drop the Stopper into the end of the sewer pipe. It will float to where you want it. Make the rope fast to a dock pile or other fastening on the bank and inflate the bag.

Carried in Stock — Sizes, 3″ to 48″
Special Sizes to Order

This Stopper has been used successfully for testing soil pipes in new buildings. Water-works engineers use it to save pumping while altering or repairing mains where leaky valves are encountered. It is now giving satisfaction in sewer work, and in at least one instance it saved a city water-works a large expenditure of money.

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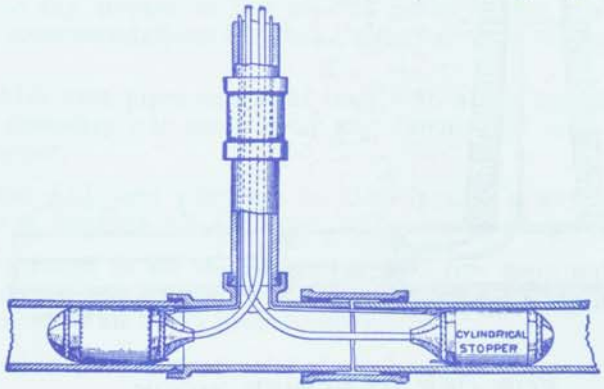
FOR USE IN WATER MAINS

WATER WORK. — In water work, the practice is to place the Stopper in the open end of the pipe after the cut-out is made wherever a leaky valve is encountered. This permits the work to be carried on on dry ground and the only wet joints would be on the sleeve at the closing-in point.



If leaky valves are encountered, a Cylindrical Stopper will hold back all leakage. It will hold back enough pressure to furnish water to the second floor of houses on the line shut down, or leakage may be wasted through a hydrant on the line.

Men work more quickly and do a better job when working on dry ground.

On jobs where there is no branch fitting as shown above, the Stopper will have to be withdrawn before the sleeve is in place.

Carried in Stock — Sizes, 3″ to 48″

USE A PRESSURE GAUGE

Cylindrical Stoppers should not be inflated over the pressures shown on the tag fastened to each Stopper. These pressures leave a margin of safety. They are about half the breaking-point under test in the shop.

Use a gauge and watch it. It prevents over-inflation and shows that the Stopper is holding.

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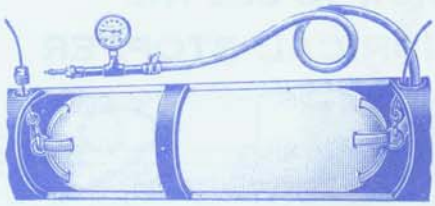

Cylindrical Stopper is an inflatable bag with a rugged water-proofed casing which may be inflated to a high internal pressure and will hold against as much as ten pounds pressure in the pipe.

The broad central zone makes contact with the wall of the pipe and holds against a higher pressure than other types of bag.

Cylindrical Stoppers should not be inflated over the pressure given on the direction card fastened to each Stopper. These pressures are:

2 in.	15 lbs.	12 in.	8 lbs.
3 in.	15 "	16 in.	6 "
4 in.	15 "	20 in.	5 "
6 in.	15 "	24 in.	3 "
8 in.	12 "	30 in.	3 "
10 in.	10 "	36 in.	3 "

These pressures leave a margin of safety. They are about half the breaking point under test in the shop.

Cylindrical Stoppers inflated according to these directions will hold against a pipe pressure equal to 60% of the pressure in the bag. That is, a six-inch Stopper, inflated to a pressure of fifteen pounds, will hold back about ten pounds pressure in a water main.

Use a gauge and watch it.

TAPS

For	3-inch Stopper	1	-inch Hole	For	15-inch Stopper	3	-inch Hole
"	4 "	1¼	"	"	16 "	3	"
"	5 "	1¼	"	"	18 "	3	"
"	6 "	1½	"	"	20 "	4	"
"	7 "	1½	"	"	22 "	4	"
"	8 "	2	"	"	24 "	4	"
"	9 "	2	"	"	30 "	5	"
"	10 "	2	"	"	36 "	5	"
"	12 "	2½	"	"	42 "	6	"
"	14 "	2½	"	"	48 "	6	"

Do Not Pull on Rubber Tube When Removing Stopper from Main

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