Aliaxis
UTILITIES & INDUSTRY





FRIATEC

FRIALOC®
PE SHUT-OFF VALVE
WITH INNOVATIVE TWO-VALVE SYSTEM

Economic. Durable. Safe

www.friatec.com

Always the economic solution! The FRIALOC® PE shut-off valve completes your PE piping network.

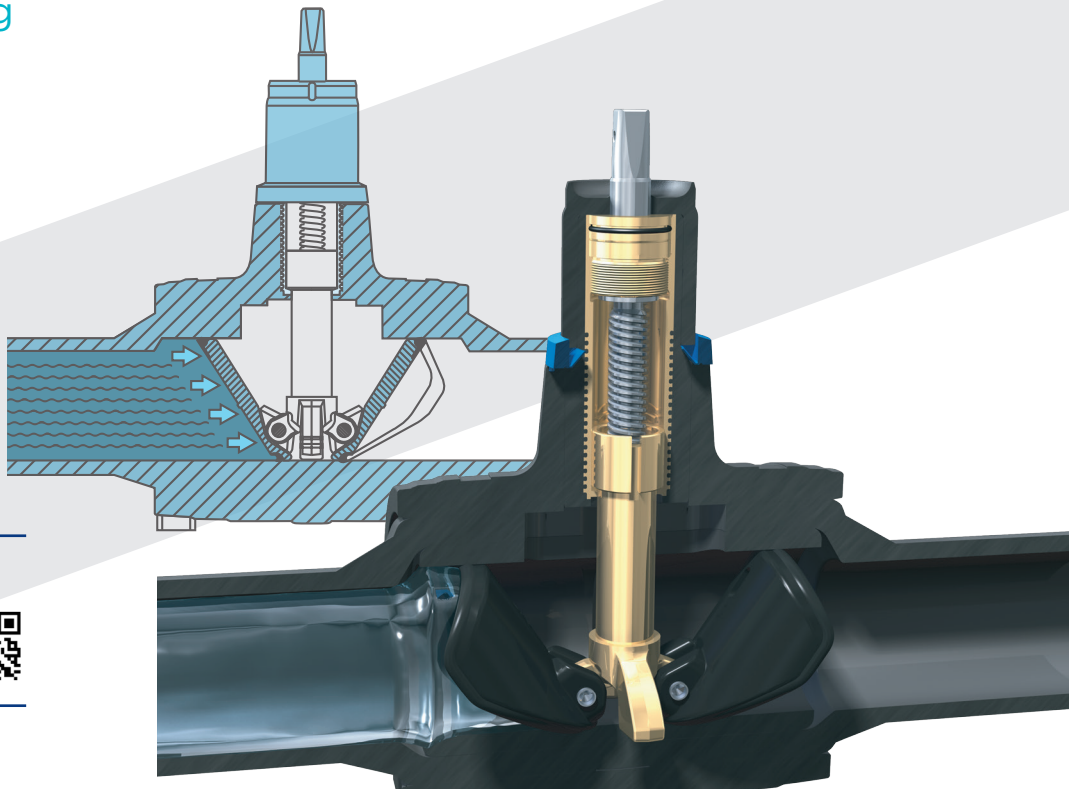
FRIALOC®
THE MISSING LINK IN YOUR PE PIPING NETWORK

The completely new shut-off mechanism is optimally matched to the PE housing. The shut-off valve and the sealing geometry flexibly adapt to all operating conditions

Today's shut-off valves are made of metal, yet statistics have verified a high damage rate. Often it is corrosion that destroys the metal components over the years, and incrustations in the housing throttle the flow through the valve, gradually causing it to seize. The consequence: today, many valves no longer operate properly or leak. This hinders work on the network and is dangerous in emergencies, e.g. in the event of fire. They also prove a weak point when integrated in existing networks, which today consist primarily of PE pipes, a completely different material altogether. In short, these valves have outlived their usefulness.

FRIALOC is the world's first all-fused, homogeneous PE piping system – without flange, gaskets, or metal transition fittings. PE also presents additional advantages in the form of long life, reliability, and cost effectiveness for the entire piping network.

Moreover, PE is corrosion resistant, and its smooth surface offers no hold for incrustations.



YOUR CONTACT
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Dimensions:
d 90 to d 250,
PE100 SDR 11.
Allowable operating pressure for water PFA 16 bar.

ALWAYS DURABLE:

Corrosion and incrustation are permanently prevented. Pipe and valve become a homogeneous unit

- without flanges
- without gaskets
- without metallic transition fittings.

ALWAYS EASY:

Easy handling at the construction site thanks to low weight and proven joining method. Easy actuation in operation thanks to significantly reduced torques and number of turns.

ALWAYS LEAK-TIGHT:

The innovative two-valve system- the valve and the sealing geometry flexibly adapt to all operating conditions. The small sealing area minimises biological growth.



ENDURANCE TEST ALREADY PASSED:

The development of the FRIALOC PE shut-off valve is accompanied by comprehensive test series: The safe and robust design is based on dynamic tests where the valve was actuated 2,500 times under full differential pressure and maximum flow rate. This test goes far beyond all standard requirements and known customer specifications. The strength of the stops in the drive also by far exceeds the standard requirements for metal shut-off valves.

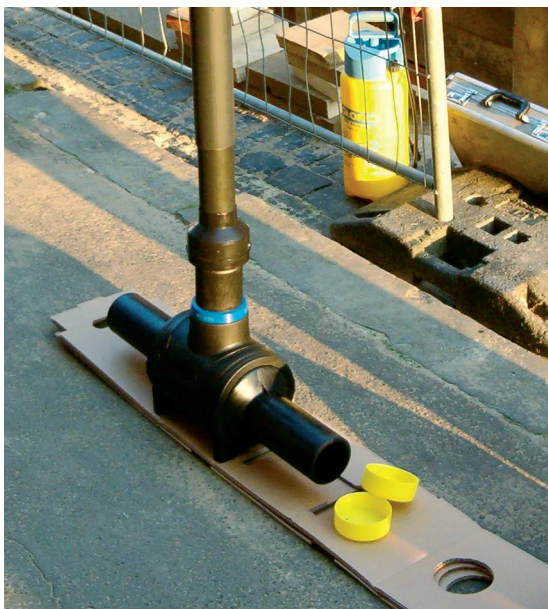


ALWAYS SAFE AND ROBUST:

Drive and housing form a solid unit. Metal stops signal the positions open and closed. The metal components used are optimally matched to each other with regard to corrosion resistance and wear resistance.

Seven years of field experience without malfunction.

The innovative design of the FRIALOC® shut-off valve has proved itself tens of thousands of times all over the world!



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