

Product family

„EuroTwist Pipe [ETP]“

„EuroTwist Liner [ETL]“

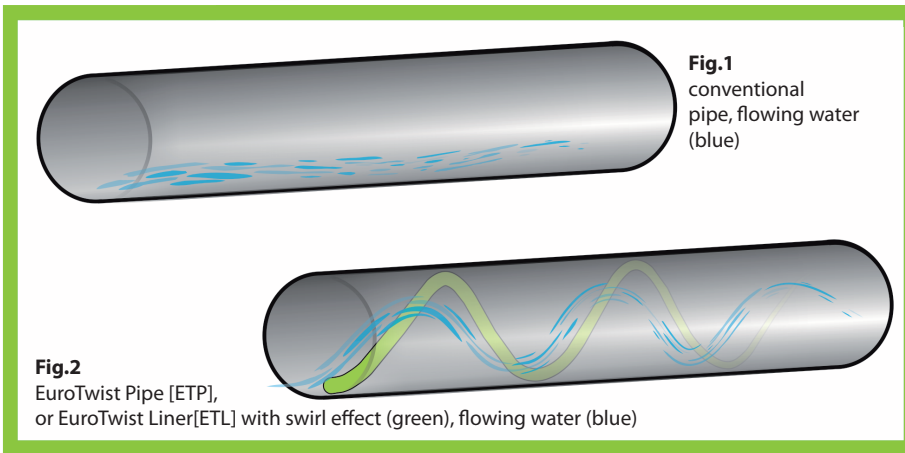


Fig.1
conventional
pipe, flowing water
(blue)

Fig.2
EuroTwist Pipe [ETP],
or EuroTwist Liner[ETL] with swirl effect (green), flowing water (blue)

When pumping polluted fluids, for example polluted water or feces, over longer distances and different elevations, the ventilation systems frequently become clogged, therefore more energy has to be used to pump against this unwanted air cushion. The lack of oxygen, especially when pumping feces, causes a buildup of very aggressive organic sulfuric acid which damages the pipes over time.

Massive deposits are formed when the pumps are changed and switched off for hours, resulting in a heavier cleaning workload and increased costs. Using the EuroTwist Pipe when new pipes are laid or inserting a EuroTwist Liner into existing pipes creates a

swirl effect for the fluids and accelerates the pumping process. Additionally, sufficient oxygen will also travel through the pipes, thus preventing the biogenic processes which can damage pipes walls.

The swirl has several other significant advantages: it cleans the pipe walls; less energy is needed for the pumps; ventilations systems are no longer needed. The low energy consumption and the drastically reduced cleaning workload protect both the environment and the budget of the pipeline operators.

The EuroTwist Pipe and the EuroTwist Liner are mainly used for pipes in pumps, pumping stations and wastewater treatment plants, often for long distances.

The EuroTwist Pipes, with their inner twist profile, can be used when laying new pipes.

When rehabilitating existing pipes, these can be fitted with the EuroTwist Liner in the same way as a conventional liner, with the difference that the EuroTwist Liner also has the inner twist profile to create the swirl effect.

The benefits of the EuroTwist System are obvious:

- significantly lower energy consumption of the pumps resulting in considerable cost savings
- considerably less damage to pipes due to the absence of biogenic processes
- drastically reduced cleaning workload since the system cleans itself

