



Highly flexible local heating for biogas plant Veigy-Foncenex, France

FLEXSTAR UNO 2 x 200m | 63/105 DN 50

BRUGG

Pipes

Pioneers in Infrastructure



Thanks to the good weather and the easy handling of the FLEXSTAR pipes, the installation was simple and uncomplicated. Now the biogas plant can supply the region even better with renewable energy in the future.

Product advantages

The FLEXSTAR pipe is made of a highly flexible material that enables tight bending radii during installation and eliminates the need for house entry bends.

Thanks to efficient PUR foam insulation, it provides optimum pre-insulation for heat transport.

In addition to its low weight and flexible design, the pipe can withstand even the heaviest loads thanks to the LLDPE outer casing. Suitable accessories, such as wall sealing rings with cable bushings, enable efficient installation in future construction projects.



Project

In the French twin municipality of Veigy-Foncenex, a reliable pipe system was to be laid for a biogas plant near Lake Geneva.

The biogas site was founded five years ago, and a new building was added in 2023.

A local heating pipeline with our FLEXSTAR UNO pipes was installed to ensure a flawless energy supply for the new part of the building.



Execution

Two rings of FLEXSTAR UNO, each 200 metres long, were supplied and laid for this construction project.

The aim was to connect the pre-pit of the biogas plant with the boiler room. The construction work took a total of two months, whereby the actual laying of the pipes was completed within two days.

The most important construction stages were the construction of a new building and the laying of the pipes under the floor slab.

In the first stage, the pipes were laid in the new building before the concrete slab was poured. The next stage involved laying the trench to the boiler room.