



Flexible and robust – FLEXWELL DHC project for Nürenbergstrasse in Zurich

FLEXWELL-FHK 147/200, 2x28m

BRUGG

Pipes

Pioneers in Infrastructure



Project

In Zurich, the city with the highest population in Switzerland, a flexible and resistant district heating pipe from BRUGG Pipes was laid for Nürenbergstrasse under narrow conditions. Our FLEXWELL DHC steel casing pipe system was used to provide the residents of the building block with an optimum and sustainable supply of heat.

Execution

The construction project began in September 2023. The aim was to connect the flexible steel casing pipe to an existing pipeline and connect it to the building. The construction work took just three days, with the most important steps being the challenging pulling of the pipe into the trench and the pipe laying itself. Two FLEXWELL DHC pipes were used for this project. As the trench was close to a garden plot, it was important to lay the pipe extremely carefully.

At the construction site, there was hardly any parking space on Nürenbergstrasse for the lorry carrying the material, which is why the workers parked the lorry on the other road and then pulled the pipe across a green area to the trench. Another challenge was that no tractor unit could be used for digging. The fitters on site therefore worked increasingly with deflection pulleys to align the pipes underground and master the narrow bends - which they did perfectly.

Product benefits

Our FLEXWELL DHC stainless steel pipe is characterised by its extraordinary robustness. The double-walled steel jacket ensures excellent corrosion resistance and makes it the ideal choice for transporting a wide range of media. It defies high temperatures and withstands even the heaviest loads while skilfully adapting to difficult route conditions. The integrated monitoring wires complete the product, as they enable optimum safety control, even if the pipes are already laid underground.

