



CASAFLEX district heating network project, Kirchleerau, Switzerland, 2023

BRUGG
Pipes
Pioneers in Infrastructure



Project

We installed a district heating pipe through the village street for the heating network of the Swiss municipality of Kirchleerau. Our flexible and cost-effective CASAFLEX pipe system was used in several stages of construction to connect surrounding houses to the existing heating network.

Execution

We installed a 1.8 km-long district heating pipe for our customer in several stages of construction. The energy comes from a central wood chip incineration plant. Our versatile CASAFLEX pipes and specially developed moulded parts were installed for the long routes and narrow house connections.

The restricted space on site was not an obstacle for us. The pipes could be easily unwound from the drum and aligned in the trench.

Product advantages

Our CASAFLEX pipe is extremely bendable and flexible, which facilitates installation. Thanks to its corrugated protective sheath, it can easily achieve tight bending radii, meaning it can efficiently avoid obstacles.

It can withstand operating temperatures of up to 160°C and is well-suited both as a house connection and supply pipe for district and local heating networks.

