

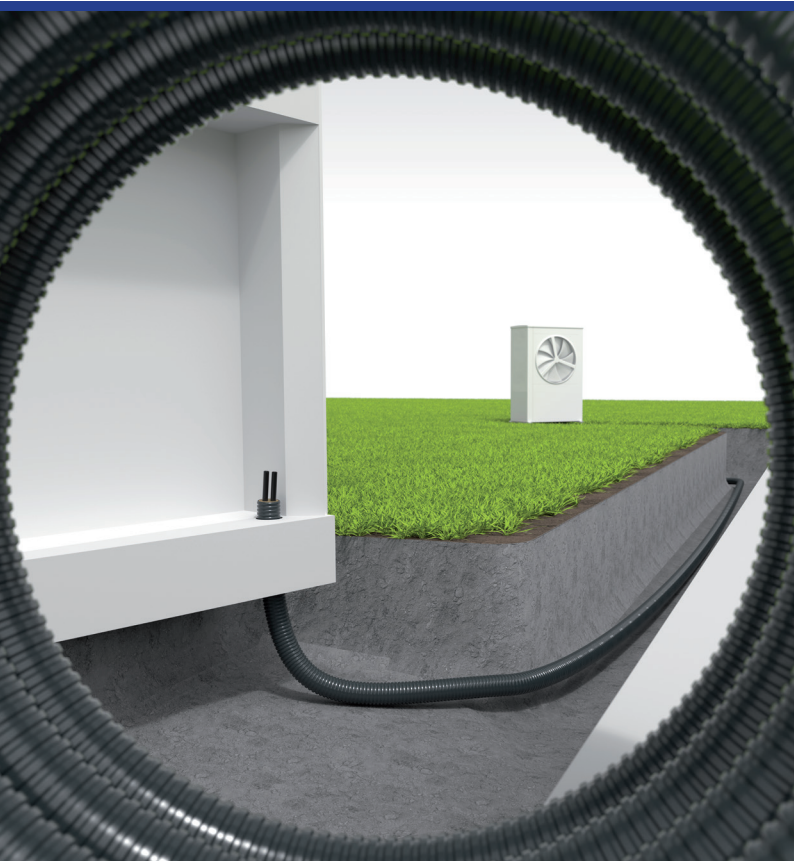
**BRUGG**  
Pipes



**The flexible and reliable star in the heating sky**

**BE FLEXIBLE. BE A STAR.**

Highest flexibility with efficient heat output for heat pumps or local heating networks



# Product range Heating

FLEXSTAR UNO & DUO

## Product features

- Carrier pipe: PEXa
- Insulation: Polyurethane (PUR)
- Longitudinally watertight according to **EN 15632-2**
- Best legibility of the labelling due to innovative labelling process (patent pending)
- Sturdy and UV-resistant corrugated outer casing (LLDPE)

## Operating parameters

Operating temperature: max: 95 °C (fluctuating)

Operating pressure: 6 bar



### FLEXSTAR UNO

Type mm	DN mm	U-value [W/mK]	min. winding radius (m)	max. delivery length (m)
25/ 70	20	0.147	0.3	200
32/ 70	25	0.194	0.3	200
40/ 90	32	0.188	0.3	200
50/ 90	40	0.260	0.3	200
63/105	50	0.289	0.3	200



### FLEXSTAR DUO

Type mm	DN mm	U-value [W/mK]	min. winding radius (m)	max. delivery length (m)
25+25/ 90	20+20	0.228	0.3	200
32+32/105	25+25	0.251	0.3	200
40+40/125	32+32	0.262	0.4	200
50+50/150	40+40	0.282	0.4	150

# Applications

FLEXSTAR UNO & DUO



# First-class and reliable accessories

## FLEXSTAR UNO & DUO

- Simple and reliable connection technology
- Quick and practical post-insulation with clip shells and distribution shafts
- Minimal laying work and long service life

The press and screw fittings for secure connections as well as our clip shells for quick and easy post-insulation reduce installation effort and guarantee a long service life.





The innovative FLEXSTAR low-temperature system from BRUGG Pipes is a pre-insulated pipe system with maximum flexibility and stability for heat pumps or local heating networks (with patented production process).

#### **Large area of application:**

- Heat pumps (air/water heat pumps)
- Local heating networks
- House-2-house connection or renovations

#### **BRUGG Pipes service for you**

- Pipe lengths or sets including accessories precisely tailored to your needs
- Support for your planning processes
- Worldwide sales network
- Worldwide product training and support
- Production standard according to **EN 15632-2**
- Quality standard according to ISO 9001, ISO 45001 and ISO 14001





**Flexible**

Smallest winding radii for laying in confined spaces and without house entry bends



**Energy efficient**

Low heat loss thanks to PUR foam technology



**Simple**

Fastest laying and incredibly simple installation



**Reliable**

100% BRUGG | Swiss Quality

# Heat pump sets







FLEXSTAR UNO & DUO

## Practical and uncomplicated

For the connection of heat pumps, BRUGG Pipes offers a practical heat pump set in three different sizes, in lengths of 5, 10, 15 or 20 meters.

### All sets consist of:

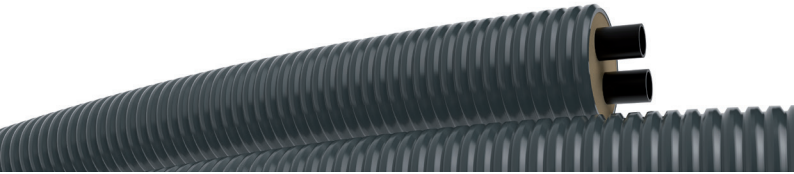
- FLEXSTAR UNO or DUO | 5m, 10m, 15m, 20m
- Screw connections
- Shrinking end caps
- Sealing ring
- Trench warning tape

Pipe Type	Screw-connection	Shrinking-end cap	Sealing ring	Trench-warning tape
				
	2	2	1	1
	4	2	1	1

All accessories are supplied together with the FLEXSTAR coil. Further information can be found on our homepage.



A BRUGG GROUP COMPANY



[bruggpipes.com/flexstar](https://bruggpipes.com/flexstar)

