



AFRICAN PEX PIPE SYSTEMS (PTY) LTD

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: PEX
- 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

Continuous operating temperature: max. 80 °C

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	0.153	0.3	200
32/ 70	25	0.201	0.3	200
40/ 90	32	0.194	0.3	200
50/ 90	40	0.268	0.3	200
63/105	50	0.298	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	0.236	0.3	200
32+32/105	25+25	0.260	0.3	200
40+40/125	32+32	0.266	0.4	100
50+50/150	40+40	0.297	0.4	100

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 or 20 meters.

All sets consist of:

- FLEXSTAR UNO or DUO | 5m, 10m, 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

