

WATER AND SOLAR PIPES



KOMBIFLEX Stainless Steel Pipes

Easily shapeable pipes made of stainless steel are intended for fixed pressure connections for domestic and drinking water. Kombiflex is suitable for connections of storage water heaters, boilers, radiators, water outlets, dishwashers and wherever quick installation and flexibility is an advantage. When used for hot water distribution or run in a wall, or for solar thermal systems, it is advisable to add insulation or use pre-insulated pipes. The pipes are cut to the desired length on the spot, elbows are replaced by pipe bends.

Technical Data

Pipe material	AISI 304
Nut material	nickel plated brass
Pipe wall thickness	0.22 mm
Working temperature	-20 °C to +120 °C
Max. working overpressure	16 bar (up to DN 20) / 6 bar (DN 25)

Certified for drinking water.

Dimensions and Types

	Inner diam. [mm]	Outer diam. [mm]	Min. bend diam. [mm]	Union nut size	Code			Nut+gasket code	Gasket code	Teflon gasket code	Suitable insulation DN _a *
					2 m	4 m	20m 30m by meter				
DN 8	8.1	11.7	24	3/8"	3713			769	5667	9976	DN _a 13
DN 12	13	16.8	34	1/2"		3093	16959 4654	770	5553	9977	DN _a 18
DN 16	15.7	20	40	3/4"		3094	16960 4655	771	5554	9978	DN _a 22
DN 20	19.7	25	50	1"		3267	16961 4656	3343	5668	9980	DN _a 28
DN 25	26.5	33	66	5/4"		16962	3379	3344	6799	9981	DN _a 35

* DN_a means the insulation hole diameter

Pre-insulated stainless steel pipes

The pipes are fitted with EPDM insulation with a protective surface coating resistant to high temperatures and UV radiation, which means it is suitable for solar thermal systems.

Code	Pipe DN	Nut	Insulation thickness	Length
8075	12	1/2"	13 mm	30 m
8078	12	1/2"	19 mm	30 m
8076	16	3/4"	13 mm	30 m
8079	16	3/4"	19 mm	30 m
8077	20	1"	13 mm	30 m
8080	20	1"	19 mm	30 m

ACCESSORIES FOR PREPARING KOMBIFLEX AND SICURFLEX PIPES

Pipe cutter for DN 8 to DN 20 pipes - code 713



Tube template rammer + clamps

Tube template rammer, DN 8 to DN 20 - code 3430

Tube template rammer, DN 25 - code 7596



Kombiflex clamp, 1/2", 3/4" - code 720

Kombiflex clamp, 3/8", 1" - code 3659

Kombiflex clamp, 5/4" - code 7597

Sicurflex clamp, 1/2", 3/4" - code 13939

Sicurflex clamp, 1/2", 1" - code 14088

Sicurflex clamps are different from Kombiflex ones and are marked GAS.



Tool Case – contains a pipe cutter, two twin Kombiflex clamps (code 720+3659), tube template rammer (code 3430) and 4x 10 nickel-plated union nuts with gaskets.

Tool Case code 3834.



Nipples with enlarged sealing surface area

In order to secure good tightness, the pipes shall be connected to nipples with sufficient sealing surface area (wall thickness) only.



Nipples with enlarged sealing surface area	Code
3/8" M	6972
1/2" M	6971
3/4" M	6970
1" M	6969
5/4" M	6973



Reducing nipples with enlarged sealing surface area	Code
1/2" x 3/8" M	6968
3/4" x 1/2" M	6965
1" x 3/4" M	6967
5/4" x 3/4" M	8270
5/4" x 1" M	6966
6/4" x 1" M	8766
6/4" x 5/4" M	8767

Wall Mount Pipe Clamps, M8 screw, screw and dowel included

Pipe	Code
DN 15 pipe	14161
DN 20 pipe	14162

