

# PIPES FOR WATER AND SOLAR FLUIDS



## KOMBIFLEX Stainless Steel Flexible 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 <sub>a</sub> *
					2 m	4 m	by meter				
<b>DN 8</b>	8.1	11.7	24	3/8"	3 713			769	5 667	9 976	DN <sub>a</sub> 13
<b>DN 12</b>	13	16.8	34	1/2"		3 093	4 654	770	5 553	9 977	DN <sub>a</sub> 18
<b>DN 16</b>	15.7	20	40	3/4"		3 094	4 655	771	5 554	9 978	DN <sub>a</sub> 22
<b>DN 20</b>	19.7	25	50	1"		3 267	4 656	3 343	5 668	9 980	DN <sub>a</sub> 28
<b>DN 25</b>	26.5	33	66	5/4"			3 379	3 344	6 799	9 981	DN <sub>a</sub> 35

\* DN<sub>a</sub> 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
8 075	12	1/2"	13 mm	30 m
8 078	12	1/2"	19 mm	30 m
8 076	16	3/4"	13 mm	30 m
8 079	16	3/4"	19 mm	30 m
8 077	20	1"	13 mm	30 m
8 080	20	1"	19 mm	30 m

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



**Tube template rammer + clamps**

Tube template rammer, DN 8 to DN 20 - code 3 430

Tube template rammer, DN 25 - code 7 596



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

Kombiflex clamp, 3/8", 1" - code 3 659

Kombiflex clamp, 5/4" - code 7 597



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
1/2" M/M	6 971
1/2" x 3/4 M/M	6 965
1/2" x 3/4 F/M	6 964
3/4" M/M	6 970
3/4" x 1" M/M	6 967
3/4" x 1" F/M	13 366
1" M/M	6 969
1" x 5/4" M/M	6 966



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

Pipe	Code
DN 12 pipe	14 160
DN 15 pipe	14 161
DN 20 pipe	14 162

