

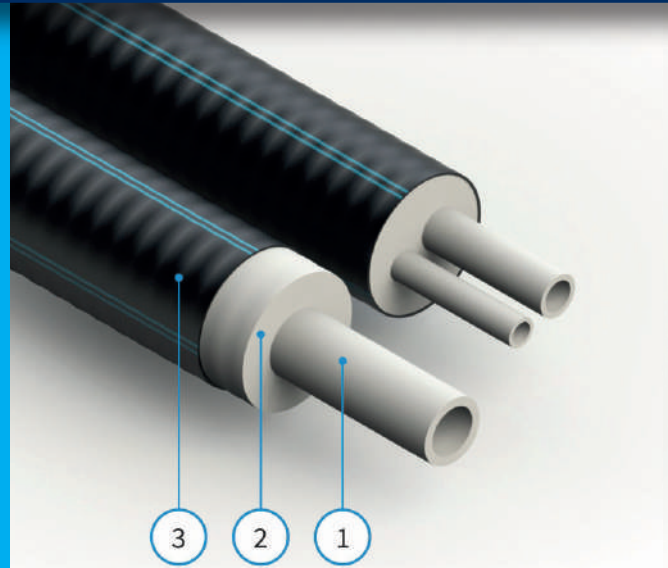


# PEX Sanitary

## Pre-insulated, flexible pipe system for sanitary applications

The pre-insulated, flexible pipe system is suitable for applications in the sanitary area.

To meet the requirements for higher pressures, a medium pipe from the SDR 7.4 pipe series (PN10 at 80 ° C) is used with the PEX 95-10 sanitary.



1. PE-Xa service pipe
2. Flexible Polyurethane-Foam (PUR)
3. Casing

Type	Dimension	Casing	Max. Coil length	Weight/Meter	Bending-radius
<b>UNO/IS1</b>	<b>[mm]</b>	<b>[mm]</b>	<b>[m]</b>	<b>kg</b>	<b>r in m</b>
20/76	20x2.8	76	770	0.95	0.70
25/76	25x3.5	76	770	1.00	0.70
32/76	32x4.4	76	770	1.12	0.70
40/91	40x5.5	91	570	1.56	0.90
50/111	50x6.9	111	410	2.25	0.90
63/126	63x8.7	126	300	3.06	1.00
<b>DUO/IS1</b>	<b>[mm]</b>	<b>[mm]</b>	<b>[m]</b>	<b>kg</b>	<b>r in m</b>
25+20/91	25x3,5+20x2.8	91	570	1.64	0.90
32+20/111	32x4,4+20x2.8	111	410	1.94	0.90
40+25/126	40x5,5+25x3.5	126	300	2.54	1.00
50+32/142	50x6,9+32x4.4	142	220	3.38	1.10
63+32/162	63x8,7+32x4.4	162	150	3.23	1.20

The specified maximum Coil lengths refer to the standard maxi-coil dimensions of (height x width) 2950x1200 mm.

## Technical data:

**Max. continuous operating temperature:** +80°C acc. EN 15632-2

**Max. operating temperature:** +95°C (variable\*)

**Thermal conductivity:** 0.021 W/mK

**Operating pressure:** 10 bar

**Service pipe:** PE-Xa

**Thermal insulation:** PUR, CFC-free cyclopentane-based

**Casing:** corrugated PE-LLD

Pipe systems according to EN 15632-2 are designed for a service life of at least 30 years with the following temperature profile:

**\*29 years at 80°C + 1 year at 90°C + 100h at 95°C  
or  
Winter heating season 85°C + Summer heating season 75°C**

Other temp./time profiles are applicable according to ISO 13760 (Miners rule).  
The maximum operating temperature must not exceed 95°C.