

PIPE SYSTEMS
MADE IN
GERMANY



PRODUCT CATALOGUE

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MAINCOR - Your German pipe producer

MAINCOR Rohrsysteme GmbH & Co. KG



THE COMPANY

MAINCOR Rohrsysteme GmbH & Co. KG, with its two business units Pipe Systems Building Solutions (Heating & Sanitary) and Pipe Systems Industry (Industrial Applications) has its headquarters in Schweinfurt.

With more than 430 employees MAINCOR produces plastic pipes for the most different fields of application, such as Heating & Plumbing, Automotive and White Goods. The pipe production is completely MADE IN GERMANY and established worldwide. Our product range for Heating, Plumbing and Ventilation applications offers complete systems including pipes, fittings, accessories and tools.

With in-depth expertise in extrusion as well as in the processing of high-tech polymers, we develop and produce in close cooperation with our customers.

With the latest extrusion technology, we produce smooth and corrugated pipes in various diameters and lengths.

MAINCOR is an expert for pipes in the area of underfloor heating, drinking water installation, radiator connection and ventilation. The focus is on oxygen-tight aluminium composite pipes and 5-layer PE-RT pipes in different dimensions.



Family owned company



Quality MADE IN GERMANY



Technical expertise



High standards of quality



Environmentally friendly



GREEN FACTS

PV Roof Systems (inst. capacity)	2.277 kWp
PV Solar Plant (inst. capacity)	448 kWp
Share of self-produced Energy	28%
PV Energy Production 2023	2.457.656 kWh

1.350 tons CO₂-Reduction

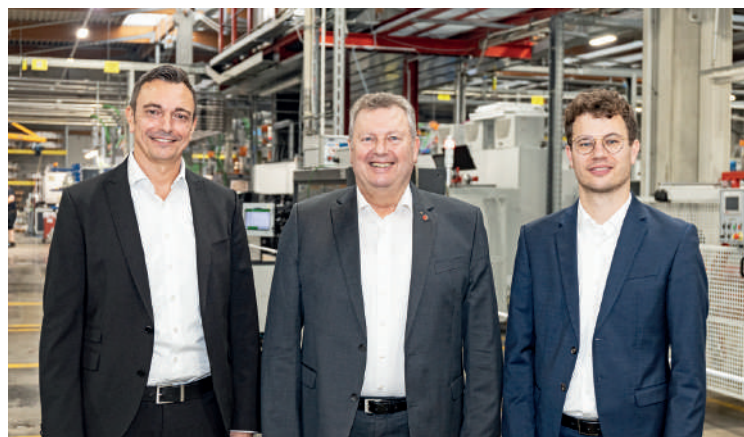
PIPE SYSTEMS



MADE IN GERMANY

Dieter Pfister
Managing Director

„Our core product is called customer satisfaction. This is about the goal of providing the best possible service with the greatest possible motivation and using state-of-the-art technology.“





CERTIFICATE

Extended Warranty

We herewith confirm the extension of the warranty for DVGW certified components (pipe and fittings) for the MAINPEX SLIDING SLEEVE SYSTEM (DW-8501BS0475) AND MAINPRESS SYSTEM (DW-8501BU0326).

For a period of **10 years**, we will provide replacement for:

- 1) MAINCOR pipe systems MAINPEX (MPX), MAINPRESS (MPR) and MAINPIPE in the event of damage that is demonstrably due to defects in production or material, as far as the manufacturer is held responsible.
- 2) Damage that is caused by production defects to the property of third parties and any resulting consequential losses.
- 3) Expenses of third parties caused by removing, dismounting, disassembly and clearing of defective products as well as for mounting and laying non-defective products to be supplied by us.

The warranty extends to all above mentioned system components such as pipes and fittings insofar as supplied by us. No warranty is granted for laying and installation errors. The technical documentation and application guidelines shall be decisive.

For coverage, there is an extended product liability insurance with a renowned German insurance company with the following sums insured:

- 3.000.000,- EUR lump-sum, for bodily injury as well as economic losses of property and product
- 2.000.000,- EUR maximum sum for an individual person

Schweinfurt, December 1, 2021

Dieter Pfister
Managing director

Michael Pfister
Managing director



CERTIFICATE

Extended Warranty

We herewith confirm the extension of the warranty for pipe products for the underfloor heating system MAINFLOOR (incl. the new velcro system):

PE-RT pipe (oxygentight because of EVOH layer):

10x1,3; 14x1,5; 14x2,0; 16x1,5; 16x2,0; 17x2,0; 18x2,0; 20x2,0 and 25x2,3

Composite pipe PE-RT/Aluminium/PE-RT: 16x2,0

For a period of **10 years**, we will provide replacement for:

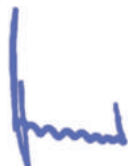
- 1) MAINFLOOR pipe systems in the event of damage that is demonstrably due to defects in production or material.
- 2) Damage that is caused by production defects to the property of third parties and any resulting consequential losses.
- 3) Expenses of third parties caused by removing, dismounting, disassembly and clearing of defective products as well as for mounting and laying non-defective products to be supplied by us.

The warranty extends to all above mentioned system components such as pipes and fittings insofar as supplied by us. No warranty is granted for laying and installation errors. The technical documentation and application guidelines shall be decisive. For coverage, there is an extended product liability insurance with a renowned German insurance company with the following sums insured:

3.000.000,- EUR lump-sum, for bodily injury as well as economic losses of property and product

2.000.000,- EUR maximum sum for an individual person

Schweinfurt, January 1, 2023

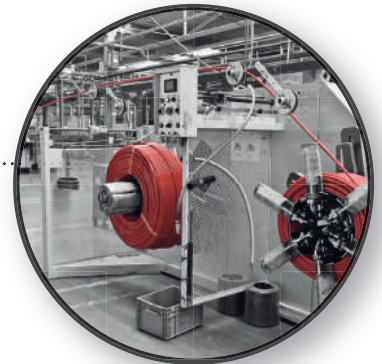


Dieter Pfister
Managing director



Michael Pfister
Managing director

PIPE SYSTEMS MADE IN GERMANY



08

Mainpex

Sliding Sleeve System

16

Mainpress

Pressing System

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Mainfloor

Underfloor Heating System

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Mainair

Residential Ventilation System

Subject to changes of products, product details and technical specifications.

Exemplary illustrations.

No liability for spelling errors.



Mainpex
Sliding Sleeve System

MORE SAFETY - MORE COMFORT

Double profile

With the double profile at the edge of the fitting, the fitting itself is protected against mechanical damages.

Undercut

Due to the special design of the fittings any contact between the aluminium layer and the fitting body is prevented.

Sleeve can be used on both sides

The sleeve can be mounted in any direction. The proper and easy handling is guaranteed because the sleeve works on both sides.

Fixation of the sleeve

The sleeve is equipped with an additional groove. Here, the material flows in and prevents that the sleeve loses its position.

As there is no need for any additional sealing elements the MAINPEX Sliding Sleeve System reaches a higher security level.

Higher flow

By expanding the MAINPEX pipe the cross-section in the joint is substantially larger when compared to traditional joint systems.

Dimension 16 - 50

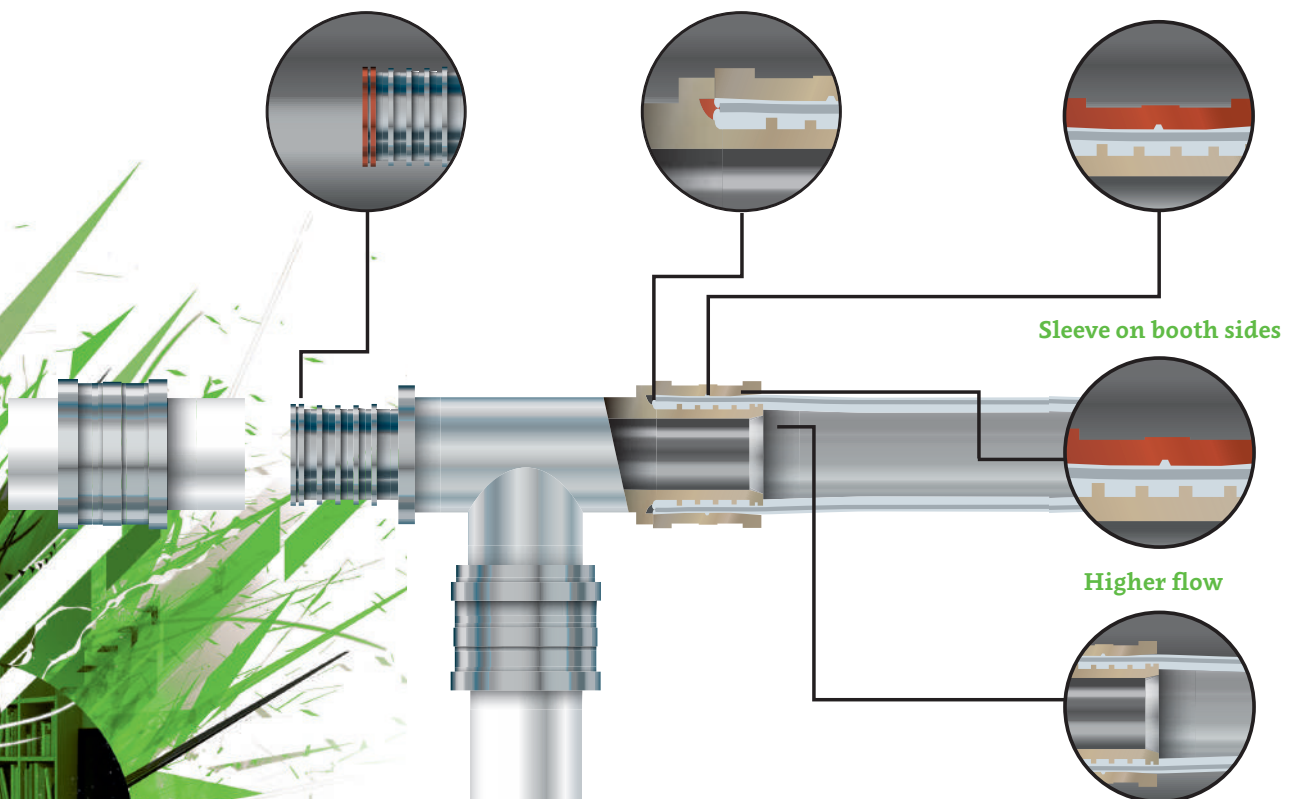
- 16 x 2,2
- 20 x 2,8
- 25 x 3,5
- 32 x 4,4
- 40 x 4,0
- 50 x 4,5



Double profile

Undercut

Fixation of the sleeve



MAINPEX



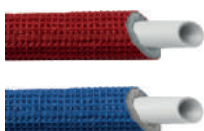
Composite pipe in coils PE-RT / Alu / PE-RT

Description/Dim.	Code	PU
16 x 2,2	10.016.220	200 m
20 x 2,8	10.020.280	100 m
25 x 3,5	10.025.350	50 m
32 x 4,4	10.032.440	50 m



Composite pipe in bars PE-RT / Alu / PE-RT

Description/Dim.	Code	L	PU
16 x 2,2	10.016.221	3,5 m	105 m
20 x 2,8	10.020.281	3,5 m	70 m
25 x 3,5	10.025.351	3,5 m	56 m
32 x 4,4	10.032.441	3,5 m	35 m
40 x 4,0	10.040.401	5 m	20 m
50 x 4,5	10.050.451	5 m	15 m



Composite pipe PE-RT / Alu / PE-RT, pre-insulated

Description/Dim.	Code	PU
16 x 2,2 / 6 mm red	10.016.224	50 m
20 x 2,8 / 6 mm red	10.020.284	50 m
25 x 3,5 / 6 mm red	10.025.354	50 m
16 x 2,2 / 9 mm red	10.016.229	50 m
20 x 2,8 / 9 mm red	10.020.289	50 m
25 x 3,5 / 9 mm red	10.025.359	50 m
16 x 2,2 / 13 mm red	10.016.221.3	50 m
20 x 2,8 / 13 mm red	10.020.281.3	50 m
25 x 3,5 / 13 mm red	10.025.351.3	50 m
32 x 4,4 / 13 mm red	10.032.441.3	25 m
16 x 2,2 / 26 mm red	10.016.222.7	25 m
20 x 2,8 / 26 mm red	10.020.282.7	25 m
25 x 3,5 / 26 mm red	10.025.352.7	25 m
16 x 2,2 / 6 mm blue	10.016.225	50 m
20 x 2,8 / 6 mm blue	10.020.285	50 m



Pipe-in-pipe PE-RT / Alu / PE-RT

Description/Dim.	Code	PU
16 x 2,2	607.162.015.0	50 m
20 x 2,8	607.202.315.0	50 m
25 x 3,5	607.252.912.5	25 m



Protective pipe

Description/Dim.	Code	PU
20 (for 16 x 2,2) red	520.150	50 m
23 (for 20 x 2,8) red	523.150	50 m
20 (for 16 x 2,2) blue	520.250	50 m
23 (for 20 x 2,8) blue	523.250	50 m
20 (for 16 x 2,2) black	520.350	50 m
23 (for 20 x 2,8) black	523.350	50 m



Sliding sleeve

Description/Dim.	Code	PU
16	20.000.100	100 Pcs
20	20.000.200	100 Pcs
25	20.000.300	50 Pcs
32	20.000.400	50 Pcs
40	20.000.500	10 Pcs
50	20.000.600	10 Pcs



Elbow, 90°

Description/Dim.	Code	PU
16 x 16	40.500.101	10 Pcs
20 x 20	40.500.202	10 Pcs
25 x 25	40.500.303	10 Pcs
32 x 32	40.500.404	5 Pcs
40 x 40	40.500.505	1 Pc
50 x 50	40.500.606	1 Pc



Elbow, 45°

Description/Dim.	Code	PU
25 x 25	40.505.303	10 Pcs
32 x 32	40.505.404	5 Pcs
40 x 40	40.505.505	1 Pc
50 x 50	40.505.606	1 Pc



Tee

Description/Dim.	Code	PU
16 x 16 x 16	40.300.111	10 Pcs
20 x 20 x 20	40.300.222	10 Pcs
25 x 25 x 25	40.300.333	10 Pcs
32 x 32 x 32	40.300.444	5 Pcs
40 x 40 x 40	40.300.555	1 Pc
50 x 50 x 50	40.300.666	1 Pc


Tee, reduced

Description/Dim.	Code	PU
16 x 20 x 16	40.300.121	10 Pcs
16 x 25 x 16	40.300.131	10 Pcs
20 x 16 x 16	40.300.211	10 Pcs
20 x 16 x 20	40.300.212	10 Pcs
20 x 20 x 16	40.300.221	10 Pcs
20 x 25 x 20	40.300.232	10 Pcs
25 x 16 x 16	40.300.311	10 Pcs
25 x 16 x 20	40.300.312	10 Pcs
25 x 16 x 25	40.300.313	10 Pcs
25 x 20 x 16	40.300.321	10 Pcs
25 x 20 x 20	40.300.322	10 Pcs
25 x 20 x 25	40.300.323	10 Pcs
25 x 25 x 16	40.300.331	10 Pcs
25 x 25 x 20	40.300.332	10 Pcs
32 x 16 x 32	40.300.414	5 Pcs
32 x 20 x 25	40.300.423	5 Pcs
32 x 20 x 32	40.300.424	5 Pcs
32 x 25 x 25	40.300.433	5 Pcs
32 x 25 x 32	40.300.434	5 Pcs
40 x 32 x 40	40.300.545	1 Pc
40 x 32 x 32	40.300.544	1 Pc
40 x 20 x 40	40.300.525	1 Pc
50 x 20 x 50	40.300.626	1 Pc
50 x 32 x 50	40.300.646	1 Pc
50 x 40 x 40	40.300.655	1 Pc
50 x 40 x 50	40.300.656	1 Pc


Tee, female thread

Description/Dim.	Code	PU
16 x 1/2" FT x 16	40.303.111	10 Pcs
20 x 1/2" FT x 20	40.303.212	10 Pcs
20 x 3/4" FT x 20	40.303.222	10 Pcs
25 x 1/2" FT x 25	40.303.313	10 Pcs
25 x 3/4" FT x 25	40.303.323	10 Pcs
32 x 1/2" FT x 32	40.303.414	5 Pcs
32 x 3/4" FT x 32	40.303.424	5 Pcs
40 x 1" FT x 40	40.303.535	1 Pc
50 x 1" FT x 50	40.303.636	1 Pc


Transit elbow

Description/Dim.	Code	PU
16 x 1/2" FT x 16	40.324.111	1 Pc
20 x 1/2" FT x 20	40.324.212	1 Pc


Wall elbow, female thread

Description/Dim.	Code	PU
16 x 1/2" FT	40.603.101	10 Pcs
20 x 1/2" FT	40.603.201	10 Pcs
20 x 3/4" FT	40.603.202	5 Pcs
25 x 3/4" FT	40.603.302	5 Pcs


Connector, male thread

Description/Dim.	Code	PU
16 x 3/8" MT	30.202.100	10 Pcs
16 x 1/2" MT	30.202.101	10 Pcs
16 x 3/4" MT	30.202.102	10 Pcs
20 x 1/2" MT	30.202.201	10 Pcs
20 x 3/4" MT	30.202.202	10 Pcs
25 x 3/4" MT	30.202.302	10 Pcs
25 x 1" MT	30.202.303	10 Pcs
32 x 1" MT	30.202.403	5 Pcs
32 x 1 1/4" MT	30.202.404	5 Pcs
40 x 1 1/4" MT	30.202.504	1 Pc
40 x 1 1/2" MT	30.202.505	1 Pc
50 x 1 1/2" MT	30.202.605	1 Pc


Connector, female thread

Description/Dim.	Code	PU
16 x 3/8" FT	30.203.100	10 Pcs
16 x 1/2" FT	30.203.101	10 Pcs
16 x 3/4" FT	30.203.102	10 Pcs
20 x 1/2" FT	30.203.201	10 Pcs
20 x 3/4" FT	30.203.202	10 Pcs
25 x 3/4" FT	30.203.302	10 Pcs
25 x 1" FT	30.203.303	10 Pcs
32 x 3/4" FT	30.203.402	5 Pcs
32 x 1" FT	30.203.403	5 Pcs
32 x 1 1/4" FT	30.202.404	5 Pcs
40 x 1 1/4" FT	30.203.504	1 Pc
40 x 1 1/2" FT	30.202.505	1 Pc
50 x 1 1/2" FT	30.203.605	1 Pc


Elbow 90°, male thread

Description/Dim.	Code	PU
16 x 1/2" MT	40.402.101	10 Pcs
20 x 1/2" MT	40.402.201	10 Pcs
20 x 3/4" MT	40.402.202	10 Pcs
25 x 3/4" MT	40.402.302	10 Pcs
25 x 1" MT	40.402.303	10 Pcs
32 x 3/4" MT	40.402.402	5 Pcs
32 x 1" MT	40.402.403	5 Pcs
40 x 1 1/4" MT	40.402.504	1 Pc
50 x 1 1/2" MT	40.402.605	1 Pc

MAINPEX



Elbow 90°, female thread

Description/Dim.	Code	PU
16 x 1/2" FT	40.403.101	10 Pcs
20 x 1/2" FT	40.403.201	10 Pcs
20 x 3/4" FT	40.403.202	10 Pcs
25 x 3/4" FT	40.403.302	10 Pcs
32 x 1" FT	40.403.403	5 Pcs



Coupler

Description/Dim.	Code	PU
16 x 16	30.100.101	10 Pcs
20 x 20	30.100.202	10 Pcs
25 x 25	30.100.303	10 Pcs
32 x 32	30.100.404	5 Pcs
40 x 40	30.100.505	1 Pc
50 x 50	30.100.606	1 Pc



Coupler, reduced

Description/Dim.	Code	PU
20 x 16	30.100.201	10 Pcs
25 x 16	30.100.301	10 Pcs
25 x 20	30.100.302	10 Pcs
32 x 20	30.100.402	5 Pcs
32 x 25	30.100.403	5 Pcs
40 x 32	30.100.504	1 Pc
50 x 40	30.100.605	1 Pc



Dummy plug

Description/Dim.	Code	PU
16	30.200.100	10 Pcs
20	30.200.200	10 Pcs
25	30.200.300	10 Pcs
32	30.200.400	5 Pcs



Pressure test plug

Description/Dim.	Code	PU
16 x 2,2	40.900.001	1 Pc
20 x 2,8	40.900.002	1 Pc
25 x 3,5	40.900.003	1 Pc



Connector for soldering CU

Description/Dim.	Code	PU
16 x CU 15 - 18	30.207.100	10 Pcs
20 x CU 18 - 22	30.207.150	10 Pcs
20 x CU 22 - 28	30.207.200	10 Pcs
25 x CU 22 - 28	30.207.300	10 Pcs
32 x CU 28 - 35	30.207.400	5 Pcs



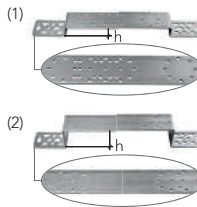
Push and press joint

Description/Dim.	Code	PU
16 x 15	30.207.101	10 Pcs
20 x 22	30.207.203	10 Pcs
25 x 22	30.207.303	10 Pcs
32 x 28	30.207.404	5 Pcs



Joint union nut, female thread

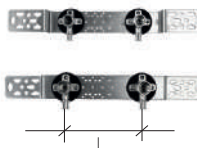
Description/Dim.	Code	PU
16 x 3/4" FT	40.201.102	10 Pcs
20 x 3/4" FT	40.201.202	10 Pcs
25 x 1" FT	40.201.303	10 Pcs
32 x 1 1/4" FT	40.201.404	5 Pcs



Mount for wall elbows

Description/Dim.	Code	PU
(1) h = 35 mm	70.700.000	10 Pcs
(1) h = 45 mm	70.700.450	10 Pcs
(1) h = 50 mm	70.701.000	10 Pcs
(2) *h = 60 mm	70.706.000	10 Pcs

*only for 153 mm and 193 mm spacing



Mount for wall elbows, pre-assembled

Description/Dim.	Code	PU
l = 80 mm on wall	70.702.000	1 Pc
l = 153 mm on wall	70.703.000	1 Pc
l = 80 mm in wall	70.702.001	1 Pc
l = 153 mm in wall	70.703.001	1 Pc

similar to illustration



Mount for wall elbows, pre-assembled with noise cancellation equipment

Description/Dim.	Code	PU
l = 153 mm in wall, 16	70.703.002	1 Pc
l = 153 mm in wall, 20	70.703.003	1 Pc



Crossing tee

Description/Dim.	Code	PU
16 x 16 x 16	40.310.111	1 Pc
20 x 16 x 16	40.310.211	1 Pc
20 x 16 x 20	40.310.221	1 Pc
20 x 20 x 20	40.310.222	1 Pc



similar to illustration

Compression fitting

Description/Dim.	Code	PU
16 x 2,2 x 3/4"	70.709.062	2 Pcs
20 x 2,8 x 3/4"	70.709.064	2 Pcs



Base board radiator adapter

Description/Dim.	Code	PU
16-l-300	70.800.100	1 Pc
16-l-1000	70.800.300	1 Pc



Anchor hook

Description/Dim.	Code	PU
80 mm, single	800.907	100 Pcs
85 mm, double	801.007	100 Pcs



Bolt connection for radiator adapter

Description/Dim.	Code	PU
15 x 3/4"	70.709.065	2 Pcs



Joint for valve radiators

Description/Dim.	Code	PU
Twofold joint 3/4"	80.902.200	1 Pc
Twofold joint square form 3/4"	80.902.201	1 Pc



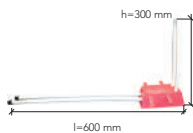
Joint euro cone

Description/Dim.	Code	PU
Joint euro cone 16 x 3/4"	30.206.100	2 Pcs
Joint euro cone 20 x 3/4"	30.206.200	2 Pcs



Screw plug

Description/Dim.	Code	PU
red	70.700.250	2 Pcs
blue	70.700.251	2 Pcs



similar to illustration

Radiator terminal box

Description/Dim.	Code	PU
Radiator terminal box	80.900.101	1 Pc



Set 1: Compression tool set 16 - 32

Description/Dim.	Code	PU
Compression tool set 16 - 32	90.100.056	1 Set

Set consist of:

Compression tool 16 - 32	61.950.006	1 Pc
Expansion adapter 16 - 32	61.950.021	1 Pc
Sliding jaw set 16/17	60.950.171	1 Pc
Sliding jaw set 20	60.950.172	1 Pc
Sliding jaw set 25	60.950.173	1 Pc
Sliding jaw set 32 (for 16 - 32)	60.950.174	1 Pc
Expansion head 16	60.950.031	1 Pc
Expansion head 20	60.950.032	1 Pc
Expansion head 25	60.950.033	1 Pc
Expansion head 32	60.950.034	1 Pc
Battery 18V 1,5 Ah	60.950.007.1	1 Pc
Battery charger 230V	60.952.202.1	1 Pc
Case for Compression tool 16 - 32	61.950.004	1 Pc



Set 2: Compression tool set 16 - 32 without accessories

Description/Dim.	Code	PU
Compression tool set 16 - 32 without accessories	61.950.007	1 Set

Set consist of:

Compression tool 16 - 32	61.950.006	1 Pc
Expansion adapter 16 - 32	61.950.021	1 Pc
Battery 18V 1,5 Ah	60.950.007.1	1 Pc
Battery charger 230V	60.952.202.1	1 Pc
Case for Compression tool 16 - 32	61.950.004	1 Pc



Set 3: Compression tool set 32 - 50

Description/Dim.	Code	PU
Compression tool set 32 - 50	90.100.053	1 Set

Set consist of:

Compression tool 32 - 50	62.950.006	1 Pc
Expansion adapter 32 - 50	62.950.021	1 Pc
Sliding jaw set 32 (for 32 - 50)	62.950.174	1 Pc
Sliding jaw set 40	62.950.175	1 Pc
Sliding jaw set 50	62.950.176	1 Pc
Expansion head 32	60.950.034	1 Pc
Expansion head 40	60.950.035	1 Pc
Expansion head 50	60.950.036	1 Pc
Battery 18V 4,0 Ah	60.953.204	1 Pc
Battery charger 230V	60.952.202.1	1 Pc
Case for Compression tool 32 - 50	62.950.004	1 Pc



Set 4: Compression tool set 32 - 50 without accessories

Description/Dim.	Code	PU
Compression tool set 32 - 50 without accessories	62.950.007	1 Set

Set consist of:

Compression tool 32 - 50	62.950.006	1 Pc
Expansion adapter 32 - 50	62.950.021	1 Pc
Battery 18V 4,0 Ah	60.953.204	1 Pc
Battery charger 230V	60.952.202.1	1 Pc
Case for Compression tool 32 - 50	62.950.004	1 Pc



Set 5: Manual expansion tool set

Description/Dim.	Code	PU
Manual expansion tool set 16 - 32	90.100.061	1 Set

Set consist of:

Expansion tool	60.950.030	1 Pc
Expansion head 16	60.950.031	1 Pc
Expansion head 20	60.950.032	1 Pc
Expansion head 25	60.950.033	1 Pc
Expansion head 32	60.950.034	1 Pc



Set 6: Manual compression tool set

Description/Dim.	Code	PU
Manual compression tool set	90.100.063	1 Set

Set consist of:

Lokring tool 16 - 32	60.950.102	1 Pc
Sliding jaw kit 16	60.950.177	1 Pc
Sliding jaw kit 20	60.950.178	1 Pc
Sliding jaw kit 25	60.950.179	1 Pc
Sliding jaw kit 32	60.950.180	1 Pc
Case for manual compression tool	60.950.181	1 Pc



Set 7: Manual compression and expansion tool set 16 - 32

Description/Dim.	Code	PU
Manual compression and expansion tool set 16 - 32	90.100.064	1 Set

Set consist of:

Manual expansion tool	60.950.030	1 Pc
Lokring tool 16 - 32	60.950.102	1 Pc
Sliding jaw kit 16	60.950.177	1 Pc
Sliding jaw kit 20	60.950.178	1 Pc
Sliding jaw kit 25	60.950.179	1 Pc
Sliding jaw kit 32	60.950.180	1 Pc
Expansion head 16	60.950.031	1 Pc
Expansion head 20	60.950.032	1 Pc
Expansion head 25	60.950.033	1 Pc
Expansion head 32	60.950.034	1 Pc
Case for manual compression tool	60.950.181	1 Pc



Sliding jaw 50 incl. adapter

Description/Dim.	Code	PU
Sliding jaw 50 incl. adapter	90.100.080	1 Pc



Scissor

Description/Dim.	Code	PU
16 - 20	60.950.014	1 Pc
Replacement blade	60.950.114	1 Pc



Bending spring

Description/Dim.	Code	PU
Ø 16 OS	60.950.140	1 Pc
Ø 20 OS	60.950.141	1 Pc
Ø 25 OS	60.950.142	1 Pc
Ø 32 OS	60.950.143	1 Pc
Ø 20 IS	60.950.047	1 Pc



Pipe cutter

Description/Dim.	Code	PU
16 - 40	60.950.011	1 Pc
Replacement blade	60.950.112	1 Pc



Pipe cutter

Description/Dim.	Code	PU
16 - 63	60.950.013	1 Pc
Replacement cutter wheel	60.950.113	1 Pc



WATCH NOW



Mainpress

Pressing System

NO STRESS WITH PRESS

Sealing element

MAINPRESS fittings have D-Shaped sealing elements which are safer than common O-rings, as the sealing element is protected and thus cannot be displaced. In addition, the D-Shaped geometry makes it more robust.

Increased safety

For security reasons MAINPRESS fittings have inspection windows to indicate the correct insertion of the pipe. As a safety function the fittings are leaking when not pressed.

Sleeve

The sleeve is made of stainless steel with an unremoveable press stop which ensures the correct alignment of the press jaws. Due to the material the sleeve is prevented from corrosion.

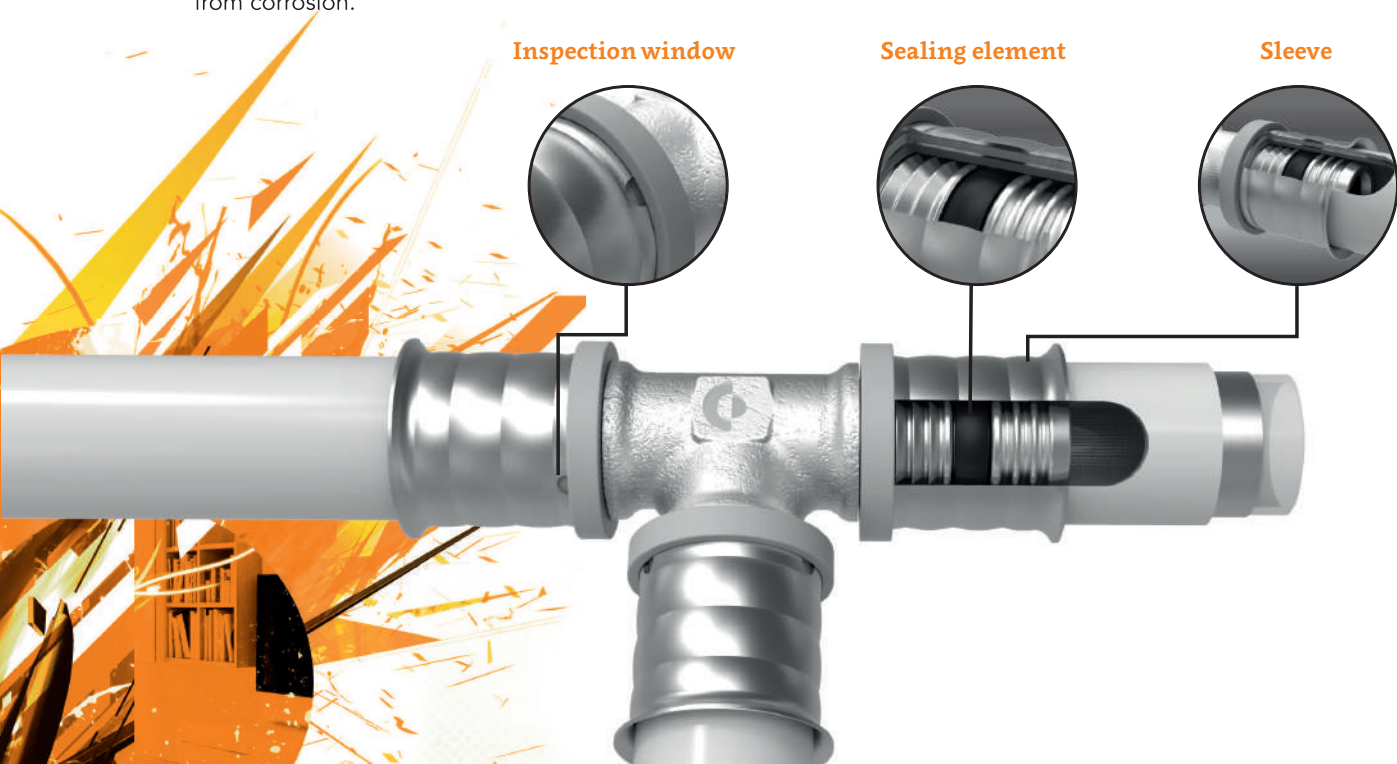
Compatibility

Our MAINPRESS Pressing System with MAINPIPE multilayer composite pipe PE-RT/AL/PE-RT is compatible with:

- UPONOR-UNIPIPE MLC composite pipes and MLC press fittings
- WAVIN composite pipes and K1, M1, K5 and M5 press fittings
- MULTITUBO composite pipes and MT press fittings
- KEKELIT-KELOX composite pipe and KW/KM press fittings
- Jupiter-Perfekt Aqua composite pipes and MP/KF press fittings
- the regular pressing tools with a U pressing profile (KSP5)

Dimension 16 - 63

- 16 x 2,0
- 20 x 2,25
- 25 x 2,5
- 32 x 3,0
- 40 x 4,0
- 50 x 4,5
- 63 x 6,0





Composite pipe in coils PE-RT / Alu / PE-RT

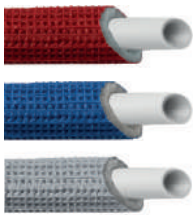
Description/Dim.	Code	PU
16 x 2,0	816.001.410.0	100 m*
16 x 2,0	816.001.420.0	200 m*
16 x 2,0	816.001.450.0	500 m*
20 x 2,25	820.001.410.0	100 m*
25 x 2,5	825.001.405.0	50 m*
32 x 3,0	832.001.405.0	50 m*

* other coil lengths available on request



Composite pipe in bars PE-RT / Alu / PE-RT

Description/Dim.	Code	L	PU
16 x 2,0	816.001.400.3	3,5 m	87,5 m
16 x 2,0	816.001.400.5	5 m	125 m
20 x 2,25	820.001.400.3	3,5 m	52,5 m
20 x 2,25	820.001.400.5	5 m	85 m
25 x 2,5	825.001.400.3	3,5 m	35 m
25 x 2,5	825.001.400.5	5 m	50 m
32 x 3,0	832.001.400.3	3,5 m	24,5 m
32 x 3,0	832.001.400.5	5 m	35 m
40 x 4,0	840.001.400.5	5 m	20 m
50 x 4,5	10.150.451	5 m	15 m
63 x 6,0	10.160.601	5 m	5 m



Composite pipe PE-RT / Alu / PE-RT, pre-insulated

Description/Dim.	Code	PU
16 x 2,0 / 6 mm, red	10.016.615.0	50 m
20 x 2,25 / 6 mm, red	10.020.615.0	50 m
25 x 2,5 / 6 mm, red	10.025.615.0	50 m
16 x 2,0 / 6 mm, blue	10.016.625.0	50 m
20 x 2,25 / 6 mm, blue	10.020.625.0	50 m
25 x 2,5 / 6 mm, blue	10.025.625.0	50 m
16 x 2,0 / 9 mm, red	10.016.915.0	50 m
20 x 2,25 / 9 mm, red	10.020.915.0	50 m
25 x 2,5 / 9 mm, red	10.025.915.0	50 m
16 x 2,0 / 9 mm, blue	10.016.925.0	50 m
20 x 2,25 / 9 mm, blue	10.020.925.0	50 m
25 x 2,5 / 9 mm, blue	10.025.925.0	50 m
16 x 2,0 / 13 mm, red	10.016.131.50	50 m
20 x 2,25 / 13 mm, red	10.020.131.50	50 m
25 x 2,5 / 13 mm, red	10.025.131.50	50 m
32 x 3,0 / 13 mm, red	10.032.131.25	25 m
16 x 2,0 / 13 mm, blue	10.016.132.50	50 m
20 x 2,25 / 13 mm, blue	10.020.132.50	50 m
25 x 2,5 / 13 mm, blue	10.025.132.50	50 m
32 x 3,0 / 13 mm, blue	10.032.132.25	25 m
16 x 2,0 / 26 mm, grey	10.016.202.7	25 m
20 x 2,25 / 26 mm, grey	10.020.222.7	25 m
25 x 2,5 / 26 mm, grey	10.025.252.7	25 m



Pipe-in-pipe PE-RT / Alu / PE-RT

Description/Dim.	Code	PU
16 x 2,0	611.162.035.0	50 m
20 x 2,25	611.202.335.0	50 m



Protective pipe



Description/Dim.	Code	PU
20 (for 16 x 2,2) red	520.150	50 m
23 (for 20 x 2,8) red	523.150	50 m
20 (for 16 x 2,2) blue	520.250	50 m
23 (for 20 x 2,8) blue	523.250	50 m
20 (for 16 x 2,0) black	520.350	50 m
23 (for 20 x 2,25) black	523.350	50 m



Elbow, 90°

Description/Dim.	Code	PU
16 x 16	41.500.101	10 Pcs
20 x 20	41.500.202	10 Pcs
25 x 25	41.500.303	10 Pcs
32 x 32	41.500.404	5 Pcs
40 x 40	41.500.505	1 Pc
50 x 50	41.500.606	1 Pc
63 x 63	41.500.707	1 Pc



Tee

Description/Dim.	Code	PU
16 x 16 x 16	41.300.111	10 Pcs
20 x 20 x 20	41.300.222	10 Pcs
25 x 25 x 25	41.300.333	10 Pcs
32 x 32 x 32	41.300.444	5 Pcs
40 x 40 x 40	41.300.555	1 Pc
50 x 50 x 50	41.300.666	1 Pc
63 x 63 x 63	41.300.777	1 Pc



Tee, female thread

Description/Dim.	Code	PU
16 x 1/2" FT x 16	41.303.111	10 Pcs
20 x 1/2" FT x 20	41.303.212	10 Pcs
25 x 1/2" FT x 25	41.303.313	10 Pcs
25 x 3/4" FT x 25	41.303.323	10 Pcs
32 x 3/4" FT x 32	41.303.424	5 Pcs
32 x 1" FT x 32	41.303.434	5 Pcs
40 x 1" FT x 40	41.303.535	1 Pc
50 x 1" FT x 50	41.303.636	1 Pc


Wall elbow, female thread

Description/Dim.	Code	PU
16 x 1/2" FT	41.603.101	10 Pcs
20 x 1/2" FT	41.603.201	10 Pcs
20 x 3/4" FT	41.603.202	10 Pcs


Transit elbow

Description/Dim.	Code	PU
16 x 1/2" FT x 16	41.324.111	10 Pcs
20 x 1/2" FT x 20	41.324.212	5 Pcs


Tee, reduced

Description/Dim.	Code	PU
16 x 20 x 16	41.300.121	10 Pcs
20 x 16 x 16	41.300.211	10 Pcs
20 x 16 x 20	41.300.212	10 Pcs
20 x 20 x 16	41.300.221	10 Pcs
20 x 25 x 20	41.300.232	10 Pcs
25 x 16 x 16	41.300.311	10 Pcs
25 x 16 x 20	41.300.312	10 Pcs
25 x 16 x 25	41.300.313	10 Pcs
25 x 20 x 16	41.300.321	10 Pcs
25 x 20 x 20	41.300.322	10 Pcs
25 x 20 x 25	41.300.323	10 Pcs
25 x 25 x 16	41.300.331	10 Pcs
32 x 16 x 32	41.300.414	5 Pcs
32 x 20 x 32	41.300.424	5 Pcs
32 x 25 x 25	41.300.433	5 Pcs
32 x 25 x 32	41.300.434	5 Pcs
40 x 20 x 40	41.300.525	1 Pc
40 x 25 x 40	41.300.535	1 Pc
40 x 32 x 32	41.300.544	1 Pc
40 x 32 x 40	41.300.545	1 Pc
50 x 25 x 50	41.300.636	1 Pc
50 x 32 x 50	41.300.646	1 Pc
50 x 40 x 50	41.300.656	1 Pc
63 x 40 x 63	41.300.757	1 Pc


Dummy plug

Description/Dim.	Code	PU
16 x 2,0	31.200.100	10 Pcs
20 x 2,25	31.200.200	10 Pcs
25 x 2,5	31.200.300	10 Pcs
32 x 3,0	31.200.400	5 Pcs


Elbow 90°, male thread

Description/Dim.	Code	PU
16 x 1/2" MT	41.402.101	10 Pcs
20 x 1/2" MT	41.402.201	10 Pcs
20 x 3/4" MT	41.402.202	10 Pcs
25 x 3/4" MT	41.402.302	10 Pcs
25 x 1" MT	41.402.303	10 Pcs
32 x 1" MT	41.402.404	5 Pcs


Elbow 90°, female thread

Description/Dim.	Code	PU
16 x 1/2" FT	41.403.101	10 Pcs
20 x 1/2" FT	41.403.201	10 Pcs
20 x 3/4" FT	41.403.202	10 Pcs
25 x 3/4" FT	41.403.302	10 Pcs
25 x 1" FT	41.403.303	10 Pcs
32 x 1" FT	41.403.403	5 Pcs


Coupler

Description/Dim.	Code	PU
16 x 16	31.100.101	10 Pcs
20 x 20	31.100.202	10 Pcs
25 x 25	31.100.303	10 Pcs
32 x 32	31.100.404	5 Pcs
40 x 40	31.100.505	1 Pc
50 x 50	31.100.606	1 Pc
63 x 63	31.100.707	1 Pc


Connector, male thread

Description/Dim.	Code	PU
16 x 3/8" MT	31.202.103	10 Pcs
16 x 1/2" MT	31.202.101	10 Pcs
16 x 3/4" MT	31.202.102	10 Pcs
20 x 1/2" MT	31.202.201	10 Pcs
20 x 3/4" MT	31.202.202	10 Pcs
25 x 3/4" MT	31.202.302	10 Pcs
25 x 1" MT	31.202.303	10 Pcs
32 x 1" MT	31.202.403	5 Pcs
32 x 1 1/4" MT	31.202.404	5 Pcs
40 x 1 1/4" MT	31.202.504	1 Pc
40 x 1 1/2" MT	31.202.505	1 Pc
50 x 1 1/2" MT	31.202.605	1 Pc
50 x 2" MT	31.202.606	1 Pc
63 x 2" MT	31.202.706	1 Pc


Coupler, reduced

Description/Dim.	Code	PU
20 x 16	31.100.201	10 Pcs
25 x 16	31.100.301	10 Pcs
25 x 20	31.100.302	10 Pcs
32 x 20	31.100.402	5 Pcs
32 x 25	31.100.403	5 Pcs
40 x 32	31.100.504	1 Pc
50 x 32	31.100.604	1 Pc
50 x 40	31.100.605	1 Pc
63 x 40	31.100.705	1 Pc
63 x 50	31.100.706	1 Pc

MAINPRESS



Connector, female thread

Description/Dim.	Code	PU
16 x 3/8" FT	31.203.103	10 Pcs
16 x 1/2" FT	31.203.101	10 Pcs
16 x 3/4" FT	31.203.102	10 Pcs
20 x 1/2" FT	31.203.201	10 Pcs
20 x 3/4" FT	31.203.202	10 Pcs
25 x 3/4" FT	31.203.302	10 Pcs
25 x 1" FT	31.203.303	10 Pcs
32 x 3/4" FT	31.203.402	5 Pcs
32 x 1" FT	31.203.403	5 Pcs
32 x 1 1/4" FT	31.203.404	5 Pcs
40 x 1 1/2" FT	31.203.504	1 Pc
50 x 1 1/2" FT	31.203.605	1 Pc
63 x 2" FT	31.203.706	1 Pc



Push and press joint

Description/Dim.	Code	PU
16 x 12	31.207.102	10 Pcs
16 x 15	31.207.101	10 Pcs
20 x 18	31.207.202	10 Pcs
20 x 22	31.207.203	10 Pcs
25 x 22	31.207.303	10 Pcs
32 x 28	31.207.404	5 Pcs



Joint union nut, female thread

Description/Dim.	Code	PU
16 x 1/2" FT	41.201.101	10 Pcs
16 x 3/4" FT	41.201.102	10 Pcs
20 x 1/2" FT	41.201.201	10 Pcs
20 x 3/4" FT	41.201.202	10 Pcs
25 x 1" FT	41.201.303	10 Pcs
32 x 1 1/4" FT	41.201.404	5 Pcs



Adapter for flushing tank (GIS Systems)

Description/Dim.	Code	PU
16 x 1/2" FT - straight	41.208.101	10 Pcs
16 x 1/2" FT - Elbow 90°	41.408.101	10 Pcs

Pressure test plug

Description/Dim.	Code	PU
16 x 2,0	41.900.001	1 Pc
20 x 2,25	41.900.002	1 Pc
25 x 2,5	41.900.003	1 Pc
32 x 3,0	41.900.004	1 Pc



PPSU Elbow 90°

Description/Dim.	Code	PU
16 x 16	P41.500.101	10 Pcs
20 x 20	P41.500.202	10 Pcs
25 x 25	P41.500.303	10 Pcs
32 x 32	P41.500.404	4 Pcs



PPSU Tee

Description/Dim.	Code	PU
16 x 16 x 16	P41.300.111	10 Pcs
20 x 20 x 20	P41.300.222	10 Pcs
25 x 25 x 25	P41.300.333	4 Pcs
32 x 32 x 32	P41.300.444	4 Pcs



PPSU Tee, reduced

Description/Dim.	Code	PU
16 x 20 x 16	P41.300.121	10 Pcs
20 x 16 x 16	P41.300.211	10 Pcs
20 x 16 x 20	P41.300.212	10 Pcs
20 x 20 x 16	P41.300.221	10 Pcs
25 x 16 x 25	P41.300.313	4 Pcs
25 x 20 x 20	P41.300.322	4 Pcs
25 x 20 x 25	P41.300.323	4 Pcs
32 x 20 x 32	P41.300.424	4 Pcs
32 x 25 x 32	P41.300.434	4 Pcs



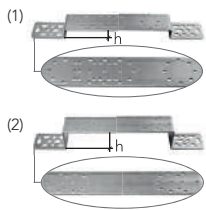
PPSU Coupler

Description/Dim.	Code	PU
16 x 16	P31.100.101	10 Pcs
20 x 20	P31.100.202	10 Pcs
25 x 25	P31.100.303	10 Pcs
32 x 32	P31.100.404	10 Pcs



PPSU Coupler, reduced

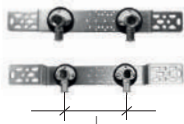
Description/Dim.	Code	PU
20 x 16	P31.100.201	10 Pcs
25 x 16	P31.100.301	10 Pcs
25 x 20	P31.100.302	10 Pcs
32 x 25	P31.100.403	10 Pcs



Mount for wall elbows

Description/Dim.	Code	PU
(1) h = 35 mm	70.700.000	10 Pcs
(1) h = 45 mm	70.700.450	10 Pcs
(1) h = 50 mm	70.701.000	10 Pcs
(2) *h = 60 mm	70.706.000	10 Pcs

*only for 153 mm and 193 mm spacing



Mount for wall elbows, pre-assembled

Description/Dim.	Code	PU
l = 80 mm on wall, 16	71.702.000	1 Pc
l = 153 mm on wall, 16	71.703.000	1 Pc
l = 80 mm in wall, 16	71.702.001	1 Pc
l = 153 mm in wall, 16	71.703.001	1 Pc
l = 153 mm in wall, 20	71.703.004	1 Pc

similar to illustration



Mount for wall elbows, pre-assembled with noise cancellation equipment

Description/Dim.	Code	PU
l = 153 mm in wall, 16	71.703.002	1 Pc
l = 153 mm in wall, 20	71.703.003	1 Pc



Screw plug

Description/Dim.	Code	PU
red	70.700.250	2 Pcs
blue	70.700.251	2 Pcs



Base board radiator adapter

Description/Dim.	Code	PU
(1) 16-l-200 short construction	71.800.200	1 Pc
(2) 16-l-300	71.800.100	1 Pc
(2) 16-l-1000	71.800.300	1 Pc



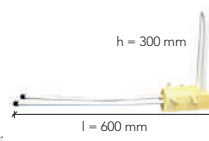
Bolt connection for radiator adapter

Description/Dim.	Code	PU
15 x 3/4"	70.709.065	2 Pcs



Crossing tee

Description/Dim.	Code	PU
16 x 16 x 16	41.310.111	1 Pc
20 x 16 x 16	41.310.211	1 Pc
20 x 16 x 20	41.310.221	1 Pc
20 x 20 x 20	41.310.222	1 Pc



Radiator terminal box

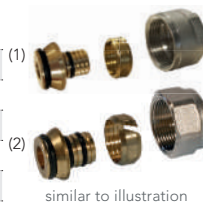
Description/Dim.	Code	PU
Radiator terminal box 16 x 2,0	81.900.101	1 Pc

similar to illustration



Joint for valve radiators

Description/Dim.	Code	PU
Twofold joint 3/4"	80.902.200	1 Pc
Twofold joint square form 3/4"	80.902.201	1 Pc



Compression fitting

Description/Dim.	Code	PU
(1) 16 x 2,0 x 3/4"	70.709.061	2 Pcs
(2) 20 x 2,25 x 3/4"	70.709.068	2 Pcs

similar to illustration



Anchor hook

Description/Dim.	Code	PU
80 mm, single	800.907	100 Pcs
85 mm, double	801.007	100 Pcs



Pressjaw ACO102/103

Description/Dim.	Code	PU
U 16	60.953.271	1 Pc
U 20	60.953.272	1 Pc
U 25	60.953.273	1 Pc
U 32	60.953.274	1 Pc
U 40	60.953.275	1 Pc



Pressjaw ACO203

Description/Dim.	Code	PU
U 16	60.953.001	1 Pc
U 20	60.953.002	1 Pc
U 25	60.953.003	1 Pc
U 32	60.953.004	1 Pc
U 40	60.953.005	1 Pc
U 50	60.953.008	1 Pc
U 63	60.953.014	1 Pc



Set 1: Radial compression tool set ACO103

Description/Dim.	Code	PU
Radial compression tool ACO103 set	90.100.065	1 Set
Set consist of:		
Radial compression tool ACO103	60.953.106	1 Pc
Replacement battery 12V Li-Ion 2,0 Ah	60.950.027.1	1 Pc
Battery charger 220-240V 50-60 Hz for 12V	60.952.212.1	1 Pc
Case for ACO103	60.951.109	1 Pc



Manual radial compression tool

Description/Dim.	Code	PU
Manual radial compression tool	60.953.109	1 Pc
Inset 16	60.953.111	1 Pc
Inset 20	60.953.112	1 Pc

Scissor

Description/Dim.	Code	PU
16 - 20	60.950.014	1 Pcs
Replacement blade	60.950.114	1 Pcs

Pipe cutter

Description/Dim.	Code	PU
16 - 40	60.950.011	1 Pcs
Replacement blade	60.950.112	1 Pcs

Pipe cutter

Description/Dim.	Code	PU
16 - 63	60.950.013	1 Pc
Replacement cutter wheel	60.950.113	1 Pcs

Bending spring

Description/Dim.	Code	PU
Ø 16 IS	60.950.040	1 Pc
Ø 20 IS	60.950.047	1 Pc
Ø 25 IS	60.950.042	1 Pc
Ø 16 OS	60.950.140	1 Pc
Ø 20 OS	60.950.141	1 Pc
Ø 25 OS	60.950.142	1 Pc
Ø 32 OS	60.950.143	1 Pc

Universal bevelling tool

Description/Dim.	Code	PU
Ø 16 / 20 / 25	60.953.212	1 Pc

Bevelling tool

Description/Dim.	Code	PU
Bevelling tool 16	60.953.217	1 Pc
Bevelling tool 20	60.953.218	1 Pc
Bevelling tool 25	60.953.219	1 Pc
Bevelling tool 32	60.953.213	1 Pc
Bevelling tool 40	60.953.214	1 Pc
Bevelling tool 50	60.953.215	1 Pc
Bevelling tool 63	60.953.216	1 Pc



Set 2: Radial compression tool set ACO103 with press jaws

Description/Dim.	Code	PU
Radial compression tool ACO103 with press jaws set	90.100.070	1 Set
Set consist of:		
Radial compression tool ACO103	60.953.106	1 Pc
Pressjaw ACO103 U 16	60.953.271	1 Pc
Pressjaw ACO103 U 20	60.953.272	1 Pc
Pressjaw ACO103 U 25	60.953.273	1 Pc
Replacement battery 12V Li-Ion 2,0 Ah	60.950.027.1	1 Pc
Battery charger 220-240V 50-60 Hz for 12V	60.952.212.1	1 Pc
Case for ACO103	60.951.109	1 Pc



Set 3: Radial compression tool set ACO203

Description/Dim.	Code	PU
Radial compression tool ACO203 set	90.100.066	1 Set
Set consist of:		
Radial compression tool ACO203	60.952.301	1 Pc
Replacement battery 18V Li-Ion 2,0 Ah	60.952.302	1 Pc
Battery charger 230V for 12V-18V	60.952.305	1 Pc
Case for ACO203	60.951.110	1 Pc



Set 4: Radial compression tool set ACO203 with press jaws

Description/Dim.	Code	PU
Radial compression tool ACO203 with press jaws set	90.100.073	1 Set
Set consist of:		
Radial compression tool ACO203	60.952.301	1 Pc
Pressjaw ACO203 U 16	60.953.001	1 Pc
Pressjaw ACO203 U 20	60.953.002	1 Pc
Pressjaw ACO203 U 25	60.953.003	1 Pc
Pressjaw ACO203 U 32	60.953.004	1 Pc
Replacement battery 18V Li-Ion 2,0 Ah	60.952.302	1 Pc
Battery charger 230V for 12V-18V	60.952.305	1 Pc
Case for ACO203	60.951.110	1 Pc

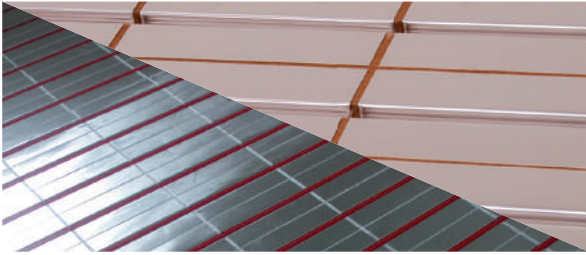




Mainfloor
Underfloor Heating System

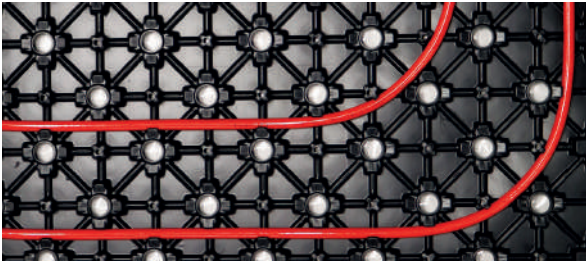
MAINFLOOR - UNDERFLOOR HEATING

DRY CONSTRUCTION SYSTEM (+ECO)



- Any type of flooring can be installed on top
- Even temperature spread thanks to aluminium plates
- Easy to install on the floor as well as on the wall
- Safe installation with Ω groove

RENOVATION SYSTEM (MINI)



- Perfect renovation system when low heights are needed
- Total height starting from 20 mm
- Pipe diameter 10 mm
- Direct installation on existing tiles
- Can also be used for ceiling cooling

STAPLER SYSTEM



- The standard in underfloor heating – fast and easy
- The pipe is fixed via tacker clips
- All laying patterns are possible

RAIL SYSTEM



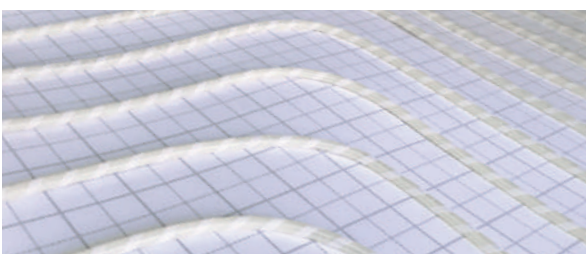
- Easy to install
- For floor and wall installation
- Self adhesive rail

PIPE POSITIONING PANEL SYSTEM



- Diagonal and axial laying possible
- Easy to install
- Minor waste since connection is possible
- With and without insulation

HOOK & LOOP SYSTEM



- Efficient, tool-free alternative
- Secure hold due to extra strong interconnection
- Laying can be adjusted at any time
- Fast and easy to install



PE-RT pipe (5-layers)



What characterises pipes made of PE-RT?

Polyethylene of raised temperature resistance: Due to the unique molecular structure a crosslinking is not necessary to achieve a long term temperature stability. Coextrusion: all layers being produced simultaneously; therefore a homogeneous and very stable material bonding is created. Due to the 5 layer technology the oxygen barrier is protected from mechanical damage.

Application:

- underfloor heating
- wall heating
- underfloor cooling
- ceiling cooling

Standards:

- ISO 22391
- DIN 16833

Approvals:

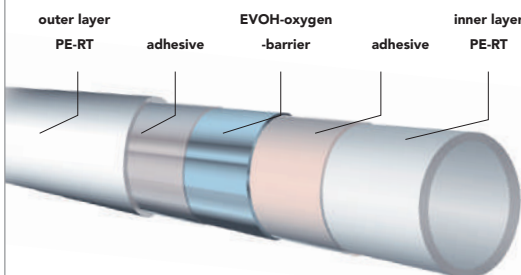
- SKZ A 522
- Komo K77483

Technical properties

working temperature	70°C
max. temperature	95°C
max. operating pressure (ISO 10508) at 70°C	6 bar
standard colour inside	transparent
standard colour outside	transparent (10 x 1.3: red)
other colours	on request
pipe printing	customer-specific
packing	carton, foil or stretch wrapped

dimension	outer diameter (mm)	wall thickness (mm)	max. coil length (m)
*10 x 1.3	10 + 0.3	1.3 + 0.3	600
*12 x 2.0	12 + 0.3	2.0 + 0.3	600
14 x 2.0	14 + 0.3	2.0 + 0.3	600
16 x 2.0	16 + 0.3	2.0 + 0.3	600
17 x 2.0	17 + 0.3	2.0 + 0.3	600
18 x 2.0	18 + 0.3	2.0 + 0.3	600
20 x 2.0	20 + 0.3	2.0 + 0.3	500
*25 x 2.3	25 + 0.3	2.3 + 0.3	200

* not in Komo K77483



MAINCOR Rohrsysteme GmbH & Co. KG
 Silbersteinstraße 14
 97424 Schweinfurt

Subject to technical modifications and amendments!
 Datenblatt_PE-RT_MFL_EN_02-23

MAINFLOOR



PE-RT pipe with EVOH (5-layer)

Description/Dim.	Code	PU
15 x 1,5	551.500.313.00	300 m
15 x 1,5	551.500.316.00	600 m



PE-RT pipe with EVOH (5-layer)

Description/Dim.	Code	PU
14 x 2,0	501.400.346.00	600 m
16 x 1,5	551.600.343.00	300 m
16 x 1,5	551.600.346.00	600 m
16 x 2,0	501.600.343.00	300 m
16 x 2,0	501.600.346.00	600 m
17 x 2,0	501.700.343.00	300 m
17 x 2,0	501.700.346.00	600 m
18 x 2,0	501.800.343.00	300 m
18 x 2,0	501.800.345.00	500 m
20 x 2,0	502.000.343.00	300 m
20 x 2,0	502.000.345.00	500 m
25 x 2,3	502.500.342.00	200 m



Composite pipe PE-RT / Alu / PE-RT

Description/Dim.	Code	PU
16 x 2,0	416.002.130.0	300 m
16 x 2,0	416.002.150.0	500 m



PE-Xa pipe with EVOH (5-layer)

Description/Dim.	Code	PU
16 x 2,0	52.160.014.300	300 m
16 x 2,0	52.160.014.600	600 m
17 x 2,0	52.170.014.300	300 m
17 x 2,0	52.170.014.600	600 m



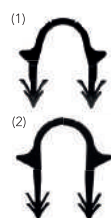
Press coupler for the connection of floor heating pipes

Description/Dim.	Code	PU
(1) 16 x 16	31.100.101	10 Pcs
(1) 20 x 20	31.100.202	10 Pcs
(2) 16 x 16 PPSU	P31.100.101	10 Pcs



Set of slide seal coupler, for the connection of floor heating pipes

Description/Dim.	Code	PU
Coupler set 15 x 1,5	30.100.015	1 Set
Coupler set 16 x 1,5	30.100.115	1 Set
Coupler set 16 x 2,0	30.100.000	1 Set
Coupler set 17 x 2,0	30.100.111	1 Set
Coupler set 16 x 2,0 / 17 x 2,0	30.100.121	1 Set
Coupler set 20 x 2,0	30.100.232	1 Set



Tacker clips, stored

Description/Dim.	Code	PU
(1) 39 mm (14 - 18 mm pipe)	50.903.321	1.000 Pcs
(2) 40 mm (14 - 20 mm pipe)	50.903.021	1.000 Pcs



Rail-fix

Description/Dim.	Code	PU
Rail-fix 14 - 17	50.903.036	100 m
Rail-fix 20	50.903.236	100 m
Rail-fix 25	50.903.251	100 m



Manual fixing clip

Description/Dim.	Code	PU
45 mm	220.407	1.000 Pcs



Pipe leading elbow

Description/Dim.	Code	PU
(1) 10 - 18	50.903.235	1 Pc
(2) 20	50.903.237	1 Pc
(2) 25	50.903.238	1 Pc



Suppression plug

Description/Dim.	Code	PU
80 mm	110.500	100 Pcs



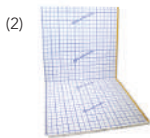
Split PE protective pipe

Description/Dim.	Code	PU
23 x 400 mm	610.807	50 Pcs
23 mm (coil)	610.850	50 m
29 x 400 mm	629.999	30 Pcs



Insulation roll

Description/Dim.	Code	PU
(1) 30-2 WLG 040/5 kPA	50.903.020	1 Roll/10 m ²
(1) 20-2 WLG 045/4 kPA	50.903.034	1 Roll/10 m ²
(1) 25-2 WLG 045/4 kPA	50.903.252	1 Roll/10 m ²
(2) 30 WLG 035/100 kPA	50.903.023.5	10 m ²



Air cushioned insulating film

Description/Dim.	Code	PU
Insulating film	50.903.019	1 Roll/75 m ²



Pipe positioning panel premium 14 - 17 mm

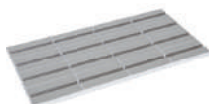
Description/Dim.	Code	PU
Panel without insulation	51.903.060	13,44 m ²
Panel 11 Premium	51.903.061	14,56 m ²
Panel 30-2 Premium	51.903.062	6,72 m ²



Edge - insulation strip

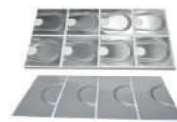
Description/Dim.	Code	PU
8 x 150 mm	50.903.022	1 Roll/25 m
8 x 150 mm, with self-adhesive tape	50.903.039	1 Roll/25 m
10 x 150 mm	50.903.222	1 Roll/25 m

colour deviating



Pipe positioning panel for dry construction, aluminium plate

Description/Dim.	Code	PU
Panel Alu-distance 12,5	51.903.030	10 Pcs
Panel Alu-distance 25	51.903.031	10 Pcs



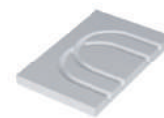
Turn panel for dry construction, aluminium plate

Description/Dim.	Code	PU
Turn panel for dry construction distance 12,5	51.903.035	10 Pcs
Turn panel for dry construction distance 25	51.903.036	10 Pcs



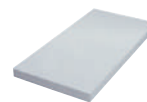
Turn panel for dry construction

Description/Dim.	Code	PU
Turn panel for dry construction distance 12,5	51.903.044	10 Pcs
Turn panel for dry construction distance 25	51.903.045	10 Pcs



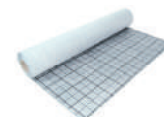
Conversion panel for dry construction

Description/Dim.	Code	PU
Conversion panel for dry construction	51.903.033	10 Pcs



Filling element

Description/Dim.	Code	PU
Filling element Measures: 1.000 x 500 x 30 mm	51.903.037	10 Pcs



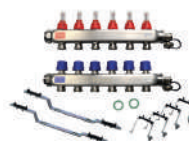
Foil with raster orientation

Description/Dim.	Code	PU
Foil with raster orientation	51.903.038	1 Roll/103 m ²



Heat conduction sheet made of steel

Description/Dim.	Code	PU
Heat conduction sheet	51.903.040	1 Pc



Manifold stainless steel with integrated flow meter 1" short

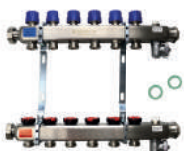
Description/Dim.	Code	PU
2 Circuits	50.900.002	1 Pc
3 Circuits	50.900.003	1 Pc
4 Circuits	50.900.004	1 Pc
5 Circuits	50.900.005	1 Pc
6 Circuits	50.900.006	1 Pc
7 Circuits	50.900.007	1 Pc
8 Circuits	50.900.008	1 Pc
9 Circuits	50.900.009	1 Pc
10 Circuits	50.900.010	1 Pc
11 Circuits	50.900.011	1 Pc
12 Circuits	50.900.012	1 Pc
13 Circuits	50.900.013	1 Pc
14 Circuits	50.900.014	1 Pc
15 Circuits	50.900.015	1 Pc
16 Circuits	50.900.016	1 Pc

MAINFLOOR



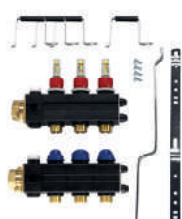
Manifold stainless steel with integrated flow meter 1" long

Description/Dim.	Code	PU
2 Circuits	50.940.002	1 Pc
3 Circuits	50.940.003	1 Pc
4 Circuits	50.940.004	1 Pc
5 Circuits	50.940.005	1 Pc
6 Circuits	50.940.006	1 Pc
7 Circuits	50.940.007	1 Pc
8 Circuits	50.940.008	1 Pc
9 Circuits	50.940.009	1 Pc
10 Circuits	50.940.010	1 Pc
11 Circuits	50.940.011	1 Pc
12 Circuits	50.940.012	1 Pc
13 Circuits	50.940.013	1 Pc
14 Circuits	50.940.014	1 Pc
15 Circuits	50.940.015	1 Pc
16 Circuits	50.940.016	1 Pc



Manifold stainless steel with integrated flow limiter 1" long

Description/Dim.	Code	PU
2 Circuits	50.920.002	1 Pc
3 Circuits	50.920.003	1 Pc
4 Circuits	50.920.004	1 Pc
5 Circuits	50.920.005	1 Pc
6 Circuits	50.920.006	1 Pc
7 Circuits	50.920.007	1 Pc
8 Circuits	50.920.008	1 Pc
9 Circuits	50.920.009	1 Pc
10 Circuits	50.920.010	1 Pc
11 Circuits	50.920.011	1 Pc
12 Circuits	50.920.012	1 Pc
13 Circuits	50.920.013	1 Pc
14 Circuits	50.920.014	1 Pc
15 Circuits	50.920.015	1 Pc
16 Circuits	50.920.016	1 Pc



Composite manifold with integrated flow meter 1"

Description/Dim.	Code	PU
2 Circuits	50.970.002	1 Pc
3 Circuits	50.970.003	1 Pc
4 Circuits	50.970.004	1 Pc
5 Circuits	50.970.005	1 Pc
6 Circuits	50.970.006	1 Pc
7 Circuits	50.970.007	1 Pc
8 Circuits	50.970.008	1 Pc
9 Circuits	50.970.009	1 Pc
10 Circuits	50.970.010	1 Pc
11 Circuits	50.970.011	1 Pc
12 Circuits	50.970.012	1 Pc
13 Circuits	50.970.013	1 Pc
14 Circuits	50.970.014	1 Pc



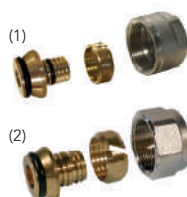
Filling and drainage valve set

Description/Dim.	Code	PU
Filling and drainage valve set	50.903.102	1 Set



Flow meter

Description/Dim.	Code	PU
(1) Replacement flow meter	50.903.006	1 Pc
(2) Taconova flow meter	50.903.106	1 Pc



Compression fitting

Description/Dim.	Code	PU
(1) 16 x 2,0 x 3/4"	70.709.061	2 Pcs
(2) 14 x 2,0 x 3/4"	70.709.069	2 Pcs
(2) 15 x 1,5 x 3/4"	70.709.075	2 Pcs
(2) 16 x 1,5 x 3/4" - Mainrohr	70.709.060	2 Pcs
(2) 17 x 2,0 x 3/4"	70.709.063	2 Pcs
(2) 18 x 2,0 x 3/4"	70.709.078	2 Pcs
(2) 20 x 2,0 x 3/4"	70.709.071	2 Pcs
(2) 25 x 2,3 x 1"	70.709.072	2 Pcs

similar to illustration



Compression fitting „Plus“

Description/Dim.	Code	PU
16 x 2,0 x 3/4"	70.709.077	2 Pcs
17 x 2,0 x 3/4"	70.709.088	2 Pcs



Coupling nipple euro cone

Description/Dim.	Code	PU
3/4" / 3/4"	70.709.070	5 Pcs



Connection nipple for manifold

Description/Dim.	Code	PU
Connection nipple	50.903.071	2 Pcs



Ball valve

Description/Dim.	Code	PU
1" FT x 1" MT	50.903.002	2 Pcs
1" FT x 1" MT edge	50.903.043	2 Pcs
3/4" FT x 1" MT	50.903.101	2 Pcs
3/4" FT x 1" MT edge	50.903.041	2 Pcs
Set 1" FT x 1" MT edge, one longer version	50.903.065	1 Set



Heat flow meter connection kit, horizontal

Description/Dim.	Code	PU
HFM, horizontal	50.903.069	1 Pc
Screw-in part with 1" nut	50.903.074	1 Pc



Heat flow meter connection kit, vertical

Description/Dim.	Code	PU
HFM, vertical	50.903.068	1 Pc



Constant control kit

Description/Dim.	Code	PU
Constant control kit	50.903.047	1 Pc
Flow rate indicator	50.903.049	1 Pc



Fixing bracket for water meter

Description/Dim.	Code	PU
Fixing bracket blue	50.903.061	1 Pc
Fixing bracket red	50.903.062	1 Pc
Fixing bracket set (blue/red)	50.903.060	1 Set



Bypass with overflow valve

Description/Dim.	Code	PU
Bypass	50.903.066	1 Pc



Distribution cabinet, on-wall

Description/Dim.	Code	PU
on-wall 55	50.922.002	1 Pc
on-wall 80	50.922.003	1 Pc
on-wall 95	50.922.004	1 Pc
on-wall 110	50.922.005	1 Pc



Distribution cabinet, in-wall 110 - 140 mm deep

Description/Dim.	Code	PU
in-wall 50	50.911.002	1 Pc
in-wall 75	50.911.003	1 Pc
in-wall 90	50.911.004	1 Pc
in-wall 105	50.911.005	1 Pc
in-wall 120	50.911.006	1 Pc
in-wall 150	50.911.007	1 Pc
Lock	50.911.001	1 Pc
Turning lock	50.999.001	1 Pc



Distribution cabinet, in-wall 80 mm deep

Description/Dim.	Code	PU
in-wall 50 80 mm	50.933.002	1 Pc
in-wall 75 80 mm	50.933.003	1 Pc
in-wall 90 80 mm	50.933.004	1 Pc
in-wall 105 80 mm	50.933.005	1 Pc
Lock	50.911.001	1 Pc
Turning lock	50.999.001	1 Pc



Distribution cabinet, in-wall 110 - 140 mm deep with DIN rail

Description/Dim.	Code	PU
in-wall 60	50.911.012	1 Pc
in-wall 75	50.911.013	1 Pc
in-wall 90	50.911.014	1 Pc
in-wall 105	50.911.015	1 Pc
in-wall 120	50.911.016	1 Pc
Lock	50.911.001	1 Pc
Turning lock	50.999.001	1 Pc



Distribution cabinet, in-wall 80 mm deep with DIN rail

Description/Dim.	Code	PU
in-wall 75 80 mm	50.933.013	1 Pc
in-wall 90 80 mm	50.933.014	1 Pc
in-wall 105 80 mm	50.933.015	1 Pc
Lock	50.911.001	1 Pc
Turning lock	50.999.001	1 Pc



Actuator NEO

Description/Dim.	Code	PU
230 V	50.903.050	1 Pc



Actuator 4.0

Description/Dim.	Code	PU
230 V	50.903.011	1 Pc
24 V	50.903.111	1 Pc
Adapter for actuator (replacement part)	50.903.344	1 Pc



Regulation-Box RTL white 15 1/2

Description/Dim.	Code	PU
Regulation-Box RTL white 15 1/2	50.903.107	1 Pc



Controller on-wall, heating

Description/Dim.	Code	PU
230 V	50.903.012	1 Pc
24 V	51.903.012	1 Pc

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Controller on-wall, heating / cooling

Description/Dim.	Code	PU
230 V	50.903.016	1 Pc
24 V	51.903.016	1 Pc



Controller in-wall, heating / cooling

Description/Dim.	Code	PU
50 x 50 mm	50.903.013	1 Pc



Digital controller standard (for heating)

Description/Dim.	Code	PU
230 V	50.903.113	1 Pc
24 V	51.903.113	1 Pc



Digital controller control (for heating / cooling)

Description/Dim.	Code	PU
230 V	50.903.114	1 Pc
24 V	51.903.114	1 Pc
External temperature sensor	50.903.056	1 Pc



Wired control center standard (for heating)

Description/Dim.	Code	PU
24 V / 230 V 6 zones	50.903.014	1 Pc
24 V / 230 V 10 zones	50.903.045	1 Pc
Connection for terminal strip 230 V	50.903.054	1 Pc
External system clock 2 channel	50.903.055	1 Pc
Safety transformer 24 V	51.903.047	1 Pc
DIN-Rail	50.903.044	1 Pc



Wired control center standard plus (for heating / cooling)

Description/Dim.	Code	PU
230 V 6 zones	50.903.015	1 Pc
230 V 10 zones	50.903.059	1 Pc
24 V 6 zones	51.903.015	1 Pc
24 V 10 zones	51.903.059	1 Pc
Connection for terminal strip 230 V	50.903.054	1 Pc
External system clock 2 channel	50.903.055	1 Pc
Safety transformer 24 V	51.903.047	1 Pc
DIN-Rail	50.903.044	1 Pc



Wired control center balance (Automated hydraulic balancing)

Description/Dim.	Code	PU
230 V 8-Zonen	50.903.073	1 Pc
Connection for terminal strip 230 V	50.903.054	1 Pc
DIN-Rail	50.903.044	1 Pc



Radio controller digital basic 2023

Description/Dim.	Code	PU
digital basic 2023	50.950.041	1 Pc



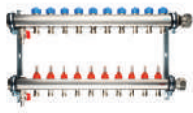
Radio controller digital plus 2023

Description/Dim.	Code	PU
digital plus 2023	50.950.042	1 Pc



Wireless control center 8 zones 2023

Description/Dim.	Code	PU
Wireless control center	50.950.040	1 Pc

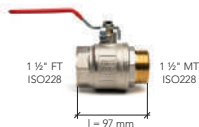

 1 1/2" FT
ISO228

Industrial stainless steel manifold 1 1/2"

Description/Dim.	Code	PU
8 Circuits	50.980.008	1 Pc
9 Circuits	50.980.009	1 Pc
10 Circuits	50.980.010	1 Pc
11 Circuits	50.980.011	1 Pc
12 Circuits	50.980.012	1 Pc
13 Circuits	50.980.013	1 Pc
14 Circuits	50.980.014	1 Pc
15 Circuits	50.980.015	1 Pc
16 Circuits	50.980.016	1 Pc
17 Circuits	50.980.017	1 Pc
18 Circuits	50.980.018	1 Pc
19 Circuits	50.980.019	1 Pc


Manual compression tool

Description/Dim.	Code	PU
Manual compression tool	60.950.102	1 Pc
Sliding jaw kit 10	60.950.182	1 Set
Sliding jaw kit 16 - 17	60.950.177	1 Pc
Sliding jaw kit 20	60.950.178	1 Pc
Tool case	60.950.181	1 Pc


 1 1/2" FT
ISO228 1 1/2" MT
ISO228
l = 97 mm

Ball valve for industrial manifold stainless steel 1 1/2"

Description/Dim.	Code	PU
G 6/4 FT x MT, red	50.950.040	1 Pc


Manual expansion tool

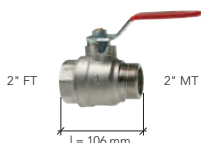
Description/Dim.	Code	PU
Expansion tool	60.950.030	1 Pc
Expansion head 10	60.950.183	1 Pc
Expansion head 15	60.950.038	1 Pc
Expansion head 16	60.950.031	1 Pc
Expansion head 17	60.950.131	1 Pc
Expansion head 20	60.950.132	1 Pc


Industrial brass manifold 2"

Description/Dim.	Code	PU
10 Circuits	50.990.010	1 Pc
11 Circuits	50.990.011	1 Pc
12 Circuits	50.990.012	1 Pc
13 Circuits	50.990.013	1 Pc
14 Circuits	50.990.014	1 Pc
15 Circuits	50.990.015	1 Pc
16 Circuits	50.990.016	1 Pc
17 Circuits	50.990.017	1 Pc
18 Circuits	50.990.018	1 Pc
19 Circuits	50.990.019	1 Pc
20 Circuits	50.990.020	1 Pc


Stapler

Description/Dim.	Code	PU
14 - 20	TG.230.201	1 Pc


 2" FT 2" MT
l = 106 mm

Ball valve for industrial manifold stainless steel 2"

Description/Dim.	Code	PU
2" FT x MT, red	50.903.083	1 Pc


Decoiler

Description/Dim.	Code	PU
Decoiler	60.950.051	1 Pc
Decoiler with straightening	60.950.151	1 Pc
(1) Adapter for pipe straightening and guidance	60.950.251	1 Pc
(2) Pipe guidance	60.950.351	1 Pc


Distributor cabinet for industrial area distributors, surface-mounted

Description/Dim.	Code	PU
MT 305/1300	50.903.085	1 Pc
Lock	50.911.001	1 Pc
Turning lock	50.999.001	1 Pc


Hot cutting tool

Description/Dim.	Code	PU
Hot cutting tool	51.903.039	1 Pc


Pipe clip for steel mats

Description/Dim.	Code	PU
3 mm	50.913.021	1.000 Pc


Adhesive tape, transparent

Description/Dim.	Code	PU
75 mm (66 m long)	50.903.028	1 Coil

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Renovation system



PE-RT pipe with EVOH (5-layer)

Description/Dim.	Code	PU
10 x 1,3	501.000.312.00	200 m



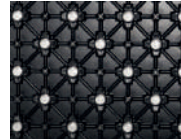
Compression fitting

Description/Dim.	Code	PU
10 x 3/4" euro cone	70.709.265	2 Pcs



Sliding sleeve

Description/Dim.	Code	PU
10	20.000.010	10 Pcs



Pipe positioning panel 10 - 12 mm

Description/Dim.	Code	PU
Pipe positioning panel without insulation	51.903.160	9,6 m ²



Coupler

Description/Dim.	Code	PU
10 x 10	30.100.010	10 Pcs
16 x 10	30.100.110	10 Pcs



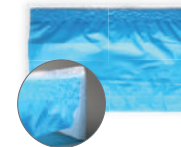
Rail-fix NEO

Description/Dim.	Code	PU
NEO Rail-fix 10	50.903.337	1 Pc



Connector, male thread

Description/Dim.	Code	PU
10 x 1/2" MT	30.202.001	10 Pcs



Edge - insulating strip PE

Description/Dim.	Code	PU
PE-insulating strip 50 x 8 mm	50.903.122	1 Roll/25 m



Tee

Description/Dim.	Code	PU
16 x 10 x 16	40.300.101	10 Pcs



Sliding jaw kit

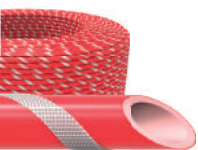
Description/Dim.	Code	PU
Sliding jaw kit 10	60.950.182	1 Pc



Joint euro cone with joint union nut

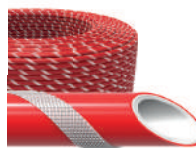
Description/Dim.	Code	PU
10 x 3/4" euro cone	30.206.010	10 Pcs

Hook & Loop system



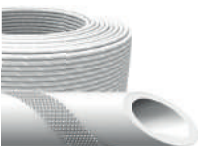
Hook & Loop PE-RT pipe

Description/Dim.	Code	PU
15 x 1,5	551.500.313.00KL	300 m
15 x 1,5	551.500.316.00KL	600 m



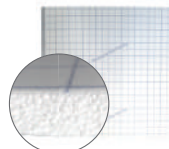
Hook & Loop Composite pipe PE-RT / Alu / PE-RT

Description/Dim.	Code	PU
16 x 2,0	416.002.130.0KL	300 m
16 x 2,0	416.002.150.0KL	500 m



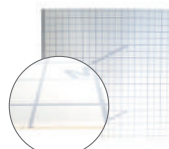
Hook & Loop PE-RT pipe

Description/Dim.	Code	PU
14 x 2,0	501.400.346.00KL	600 m
16 x 2,0	501.600.343.00KL	300 m
16 x 2,0	501.600.346.00KL	600 m
17 x 2,0	501.700.343.00KL	300 m
17 x 2,0	501.700.346.00KL	600 m



Hook & Loop insulation roll

Description/Dim.	Code	PU
30-2 WLG 040 / 5 kPA	51.903.090	1 Roll/10 m ²



Hook & Loop folding plate

Description/Dim.	Code	PU
3 mm / 2 x 1 m	51.903.092	10 m ²



Multilayer composite pipe

(PE-RT / Al_u / PE-RT)



What are the advantages of metal composite pipes?

MAINCOR multilayer composite pipes are made of overlapped welded aluminium surrounded by PE-RT layers connected by adhesives. The inner aluminium layer of multilayer composite pipes leads to a higher temperature and pressure resistance in comparison to standard plastic pipes.

Technical properties

working temperature	70 °C
max. temperature	95 °C
max. operating pressure (ISO 10508) at 70 °C	6 bar
standard colour inside	transparent
standard colour outside	red
other colours	on request
pipe printing	customer-specific
packing	box or foil

Application:

- underfloor heating
- wall heating
- underfloor cooling
- ceiling cooling

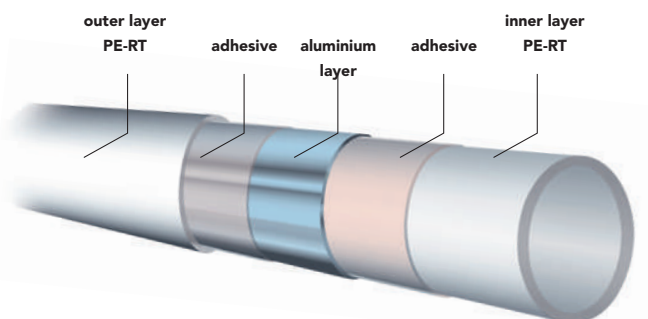
Standards:

- DIN 4726
- DIN EN 1264

Approvals:

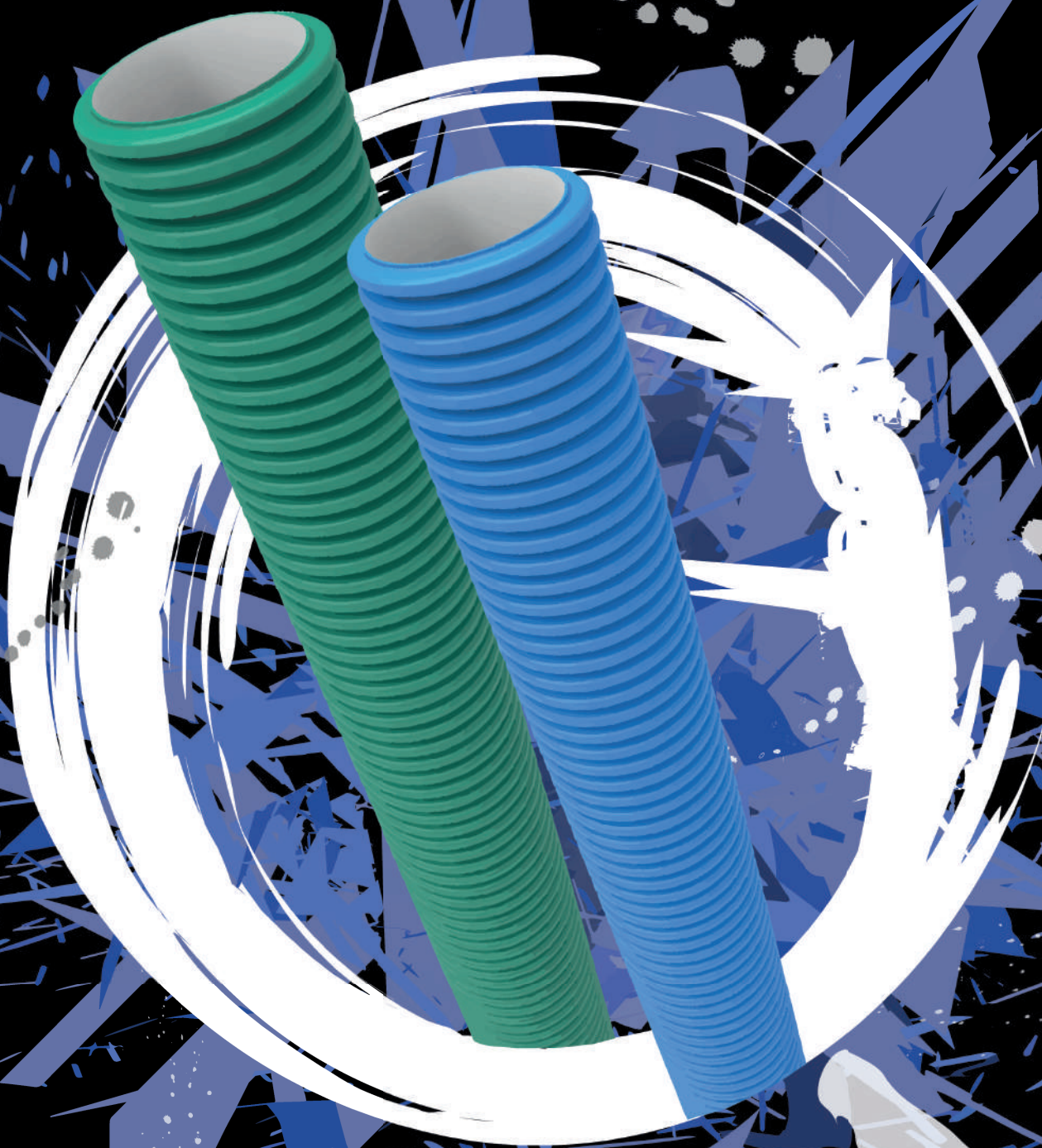
- SKZ A 462

dimension	outer diameter (mm)	wall thickness (mm)	aluminium thickness (mm)	max. coil length (m)
16 x 2.0	16 + 0.3	2.0 + 0.3	0,18	500



MAINCOR Rohrsysteme GmbH & Co. KG
 Silbersteinstraße 14
 97424 Schweinfurt

Subject to technical modifications and amendments!
 Datenblatt_MSR_MFL_EN_02-22



Mainair
Residential Ventilation System









MAINAIR - RESIDENTIAL VENTILATION SYSTEM

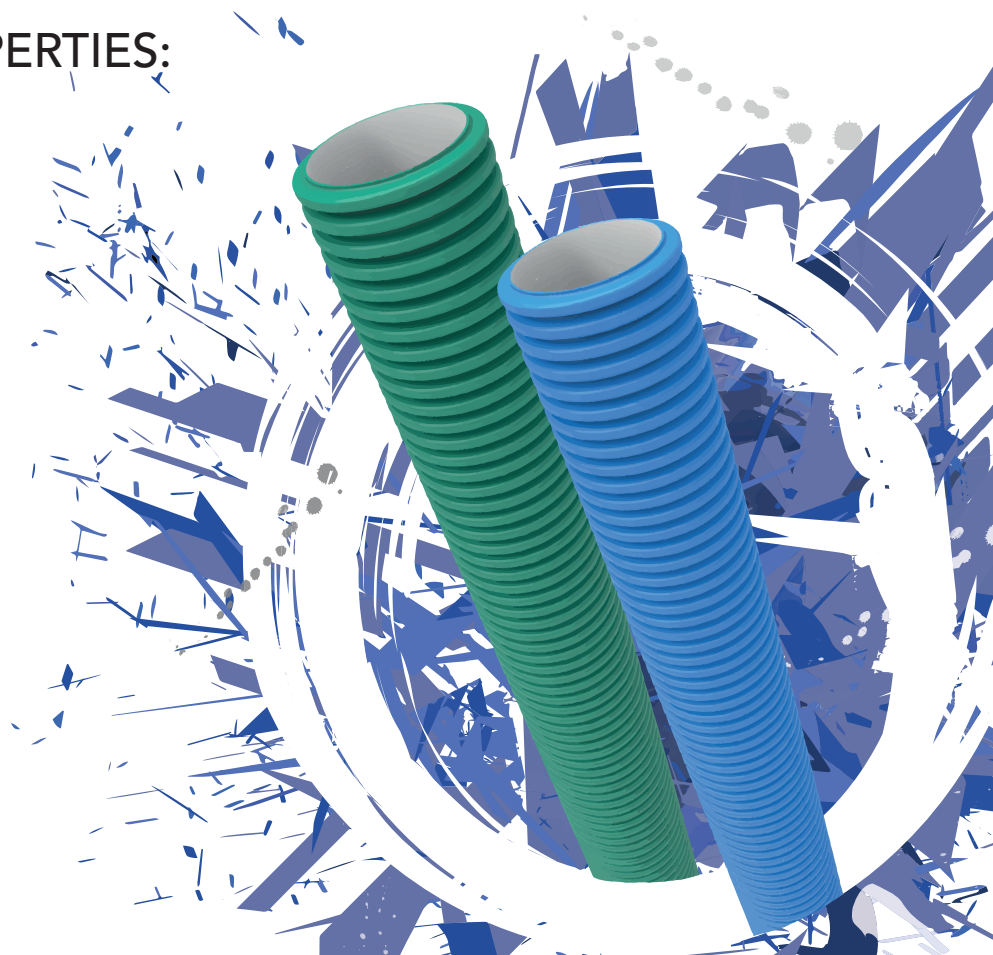
Our self-produced ventilation pipe is ideal for new construction projects and renovations. The slightly corrugated inner surface offers your customers advantages such as prevention of dirt deposits and thus reduction of pressure losses inside the pipe. Furthermore, we only use new materials to prevent odor problems.

YOUR ADVANTAGES:

- Adaptable to all structural conditions
- Low weight
- Robust and durable PE material
- Fast installation due to high flexibility

TECHNICAL PROPERTIES:

-  Material: PE
-  Antistatic
-  Antibacterial - MAINSILVER
-  Flammability MAINAIR:
UL 94 HB - DIN 4102: B2
-  Flammability MAINSILVER:
UL 94 HB
-  Electrical resistance [Ω]:
DIN IEC 60093 $<10^{13}$
-  Max. continuous temperature load:
50° C
-  Min. operating temperature:
-5° C





MAINAIR ventilation pipe

Description/Dim.	Code	PU
63 x 6,0	706.300.142.050	50 m
75 x 6,5	707.500.142.050	50 m
90 x 7,5	709.000.142.050	50 m



MAINSILVER antibacterial ventilation pipe

Description/Dim.	Code	PU
75 x 6,5	7A7.500.185.050	50 m



Ventilation connection and distribution channel, single

Description/Dim.	Code	PU
125 / 75	80.000.129	1 Pc
125 / 90	80.000.130	1 Pc



Ventilation connection and distribution channel, double

Description/Dim.	Code	PU
125 / 63 / 63	80.000.106	1 Pc
125 / 75 / 75	80.000.105	1 Pc
125 / 90 / 90	80.000.131	1 Pc



Ventilation connection and distribution channel, axial

Description/Dim.	Code	PU
125 / 75 / 75 axial	80.001.117	1 Pc



Ventilation connection and distribution channel, three-way

Description/Dim.	Code	PU
125 / 63 / 63 / 63	80.000.108	1 Pc
125 / 75 / 75 / 75	80.000.116	1 Pc

- Material: PE-HD
- Integrated fixation unit
- Flammability: UL 94 HB - DIN 4102: B2
- Antistatic
- Easy installation
- Low-noise level
- Optimized flow

Distribution box, plastic



Description/Dim.	Code	PU
63-125-W Pipe connection DIM 125 Exits: 6 nozzles DIM 63, 2 end caps	80.100.040	1 Pc



75-125-W Pipe connection DIM 125 Exits: 5 nozzles DIM 75, 2 end caps	80.100.041	1 Pc
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63-160-W Pipe connection DIM 160 Exits: 12 nozzles DIM 63, 3 end caps	80.100.042	1 Pc
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75-160-W Pipe connection DIM 160 Exits: 10 nozzles DIM 75, 2 end caps	80.100.043	1 Pc
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63-180-W Pipe connection DIM 180 Exits: 18 nozzles DIM 63, 4 end caps	80.100.044	1 Pc
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75-180-W Pipe connection DIM 180 Exits: 15 nozzles DIM 75, 3 end caps	80.100.045	1 Pc
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75-125-W Pipe connection DIM 125 Exits: 6 nozzles DIM 75	on request	1 Pc
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90-160-W Pipe connection DIM 160 Exits: 6 nozzles DIM 90	on request	1 Pc
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63-125-W Pipe connection DIM 125 Exits: 6 + 1 nozzle DIM 63	on request	1 Pc
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75-125-W Pipe connection DIM 125 Exits: 5 + 1 nozzle DIM 75	on request	1 Pc
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Spider distribution box, plastic

Description/Dim.	Code	PU
160 / 12 x 63	80.100.046	1 Pc
160 / 18 x 63	80.100.047	1 Pc
160 / 8 x 75	80.100.048	1 Pc
160 / 12 x 75	80.100.049	1 Pc
160 / 8 x 90	80.100.050	1 Pc



Distribution box, plastic - left and right

Description/Dim.	Code	PU
160 / 6 x 75 right	80.000.120	1 Pc
160 / 8 x 75 right	80.000.122	1 Pc
160 / 10 x 75 right	80.000.123	1 Pc
160 / 12 x 75 right	80.000.127	1 Pc
160 / 6 x 75 left	80.000.121	1 Pc
160 / 8 x 75 left	80.000.124	1 Pc
160 / 10 x 75 left	80.000.125	1 Pc
160 / 12 x 75 left	80.000.128	1 Pc



End cap for distribution channels and boxes

Description/Dim.	Code	PU
DIM 63 (blue)	39.200.0631	1 Pc
DIM 75 (blue)	39.200.0752	1 Pc
DIM 75 (red)	39.200.0751	1 Pc



End cap for ventilation pipe

Description/Dim.	Code	PU
DIM 63	39.200.063	5 Pcs
DIM 75	39.200.075	5 Pcs
DIM 90	39.200.090	5 Pcs



Double connection sleeve

Description/Dim.	Code	PU
DIM 63	39.100.063	1 Pc
DIM 75	39.100.075	1 Pc
DIM 90	39.100.090	1 Pc



Sealing ring

Description/Dim.	Code	PU
DIM 63	77.900.063	10 Pcs
DIM 75	77.900.075	10 Pcs
DIM 90	77.900.090	10 Pcs



Elbow, 90°

Description/Dim.	Code	PU
DIM 63	80.387.40	1 Pc
DIM 75	80.387.97	1 Pc



Isopipe

Description/Dim.	Code	PU
DIM 125	80.480.15	2 m
DIM 160	80.480.16	2 m
DIM 180	80.480.17	2 m



Isopipe elbow, 45°

Description/Dim.	Code	PU
DIM 125	80.480.03	1 Pc
DIM 160	80.480.19	1 Pc
DIM 180	80.480.39	1 Pc



Isopipe elbow, 90°

Description/Dim.	Code	PU
DIM 125	80.480.02	1 Pc
DIM 160	80.480.18	1 Pc
DIM 180	80.480.40	1 Pc



Isopipe plug-in connector

Description/Dim.	Code	PU
DIM 125	80.480.01	1 Pc
DIM 160	80.480.20	1 Pc
DIM 180	80.480.41	1 Pc



Reducer for Isopipe

Description/Dim.	Code	PU
DIM 160/125	80.480.23	1 Pc
DIM 180/125	80.480.13	1 Pc
DIM 180/160	80.480.14	1 Pc



Supply air valve

Description/Dim.	Code	PU
DIM 125	80.380.02	1 Pc



Exhaust air valve

Description/Dim.	Code	PU
DIM 125	80.380.04	1 Pc



Design ventilation valve

Description/Dim.	Code	PU
200 x 200 mm	812.502	1 Pc



Cutter for ventilation pipe

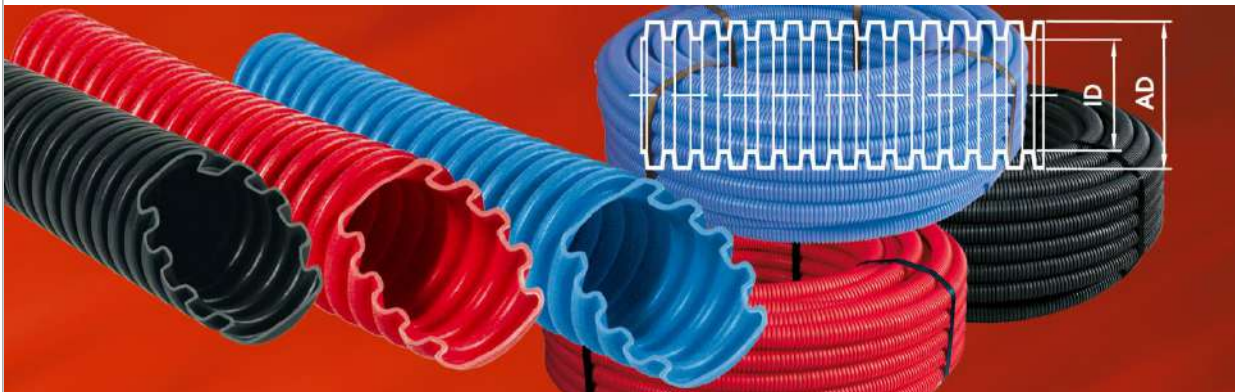
Description/Dim.	Code	PU
DIM 75/90	80.807.590	1 Pc

Further products available on request.



Protection Pipe for heating and sanitary

Bendable plastic insulating tube, free of halogens



Application area:

Protection pipe which is used for applications in plumbing and heating tubes.

Material:

Polyethylene (PE), free of halogens and other harmful ingredients.
Not flame-retardant.

Chemical resistance:

PE is resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect PE.

Physical properties

Raw material:

Elastic modules [MPa]	DIN EN 53455	>1000
Impact strength [kJ/m ²]	DIN 53453	NB
Tensile strength [MPa]	DIN EN 53455	>22
Elongation at break [%]	DIN EN 53455	>300
Volume resistivity [Ω cm]	DIN 53482	<10 ⁻⁶
Surface resistivity [Ω]	DIN 53482	<10 ⁻³

Tube:

Working temperature (permanent)	[°C]	-15 up to +90
Working temperature (short term)	[°C]	+120

Classification / standards:

KIWA	K5123 – BRL K536 D
KOMO	K11408 – BRL 5606
Impact strength	250g, 1m at 0°C
Compressive strength	200 N

Art.No. *	Diameter NW [mm]	Outer Ø [mm]	Inner Ø [mm]	Delivery unit [m]	Packing unit [m]
516x50	16	21,2 (-0,6)	16,8 (+/-0,4)	50	2.800
201019x50	19	24,2 (-0,7)	19,0 (+0,6/-0,1)	50	2.500
520x50	20	25,1 (-0,8)	20,7 (+/-0,4)	50	2.500
523x50	23	28,5 (-0,8)	23,0 (+0,7/-0,1)	50	2.000
529x50	29	35,0 (-1,0)	28,5 (+0,9/-0,1)	50	1.400
540x50**	40	40,5 (-0,8)	32,6 (+/-0,4)	50	1.500
536x25	36	43,0 (-1,1)	36,6 (+/-0,7)	25	1.000
201048x25**	48	53,2 (-1,2)	47,0 (+1,0/-0,5)	25	1.000

x - 1 - red x - 2 - blue x - 3 - black
* without any approval

Other delivery units and colours on request
Subject to modifications and amendments! / March 2020



GERMANY

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