

PIPE SYSTEMS  
MADE IN  
GERMANY



# PRODUCT CATALOGUE

 [www.maincor.de](http://www.maincor.de)  [info@maincor.de](mailto:info@maincor.de)  [MaincorRohrsysteme](https://www.facebook.com/MaincorRohrsysteme)



# 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



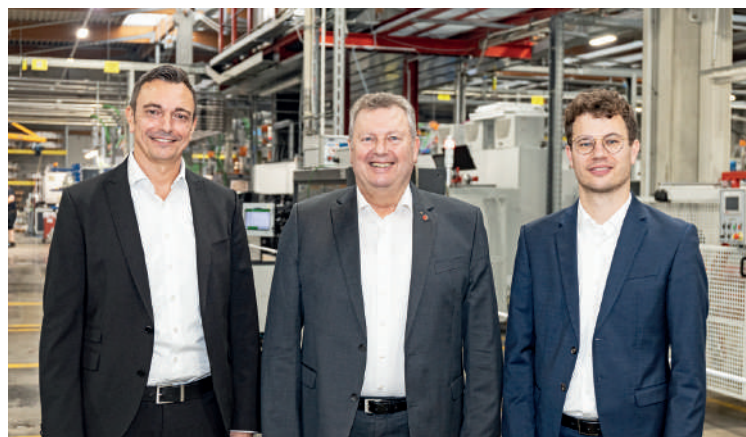
**PIPE SYSTEMS**



**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 (oxygen-tight 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:

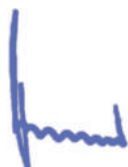
- 1) MAINFLOOR pipe systems in the event of damage that is demonstrably due to defects in production or material.
- 2) Damage that is caused by production defects to the property of third parties and any resulting consequential losses.
- 3) Expenses of third parties caused by removing, dismounting, disassembly 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



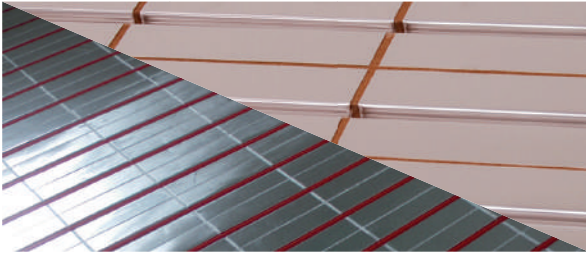


Mainfloor  
Underfloor Heating System



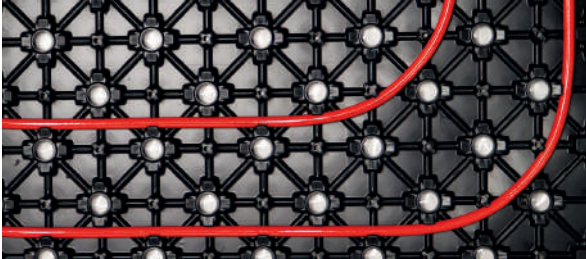
# MAINFLOOR - UNDERFLOOR HEATING

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  $\Omega$  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



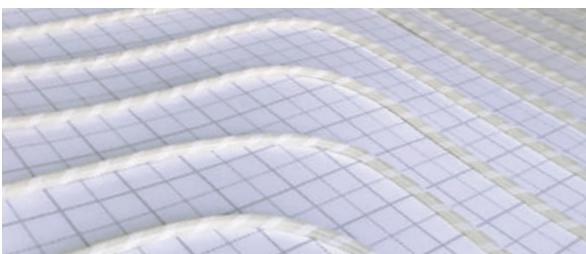
- Easy to install
- For floor and wall installation
- Self adhesive rail

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.

## Technical properties

### Application:

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

### Standards:

- ISO 22391
- DIN 16833

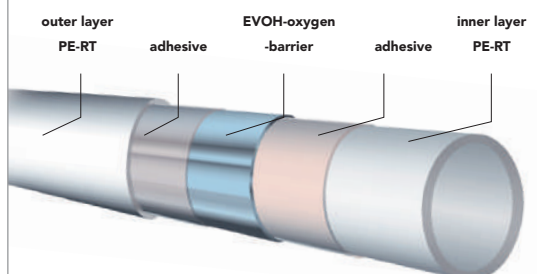
### Approvals:

- SKZ A 522
- Komo K77483

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

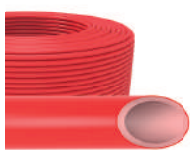
\* not in Komo K77483



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



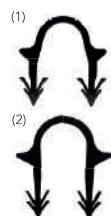
### Press coupler for the connection of floor heating pipes

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



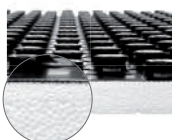
### Insulation roll

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



### Air cushioned insulating film

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



### Pipe positioning panel premium 14 - 17 mm

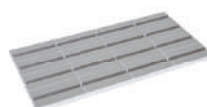
Description/Dim.	Code	PU
Panel without insulation	51.903.060	13,44 m <sup>2</sup>
Panel 11 Premium	51.903.061	14,56 m <sup>2</sup>
Panel 30-2 Premium	51.903.062	6,72 m <sup>2</sup>



### Edge - insulation strip

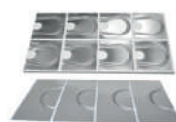
Description/Dim.	Code	PU
8 x 150 mm	50.903.022	1 Roll/25 m
8 x 150 mm, with self-adhesive tape	50.903.039	1 Roll/25 m
10 x 150 mm	50.903.222	1 Roll/25 m

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



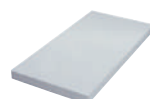
### Turn panel for dry construction

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



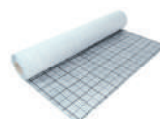
### Conversion panel for dry construction

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



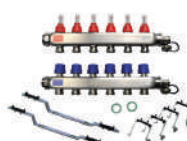
### Foil with raster orientation

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



### 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

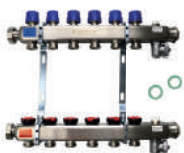


## MAINFLOOR



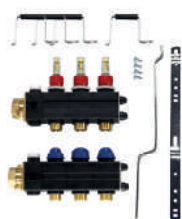
### Manifold stainless steel with integrated flow meter 1" long

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" long

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



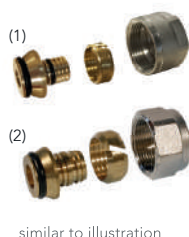
### Filling and drainage valve set

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



### 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

## MAINFLOOR



### 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

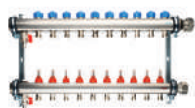
Description/Dim.	Code	PU
digital plus 2023	50.950.042	1 Pc



### Wireless control center 8 zones 2023

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

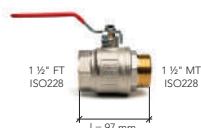




1 1/2" FT  
ISO228

### 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



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

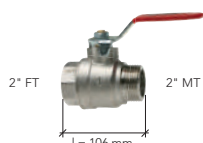
### Ball valve for industrial manifold stainless steel 1 1/2"

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



### 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



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



### 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



### Pipe clip for steel mats

Description/Dim.	Code	PU
3 mm	50.913.021	1.000 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



### 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



### Stapler

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



### Tape dispenser

Description/Dim.	Code	PU
Tape dispenser	60.950.052	1 Pc



### Hot cutting tool

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



### Adhesive tape, transparent

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

## MAINFLOOR

### 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 m²



#### Coupler

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



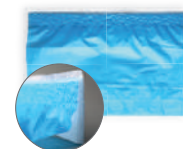
#### Rail-fix NEO

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

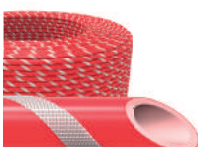
Description/Dim.	Code	PU
Sliding jaw kit 10	60.950.182	1 Pc



#### Joint euro cone with joint union nut

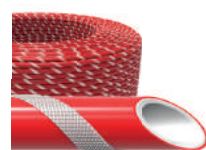
Description/Dim.	Code	PU
10 x 3/4" euro cone	30.206.010	10 Pcs

### Hook & Loop system



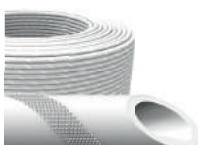
#### Hook & Loop PE-RT pipe

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



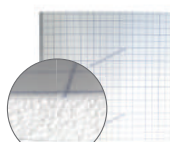
#### Hook & Loop Composite pipe PE-RT / Alu / PE-RT

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



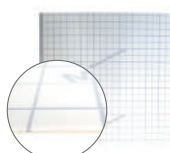
#### Hook & Loop PE-RT pipe

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 m²



#### Hook & Loop folding plate

Description/Dim.	Code	PU
3 mm / 2 x 1 m	51.903.092	10 m²



# Multilayer composite pipe

(PE-RT / Al<sub>u</sub> / 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

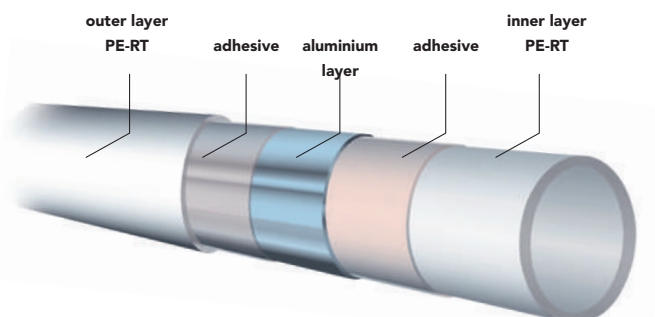
### Standards:

- 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



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