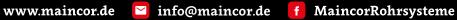






# PRODUCT CATALOGUE





## 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 450 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







# 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.
- 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

humal

Dieter Pfister Managing director full

Michael Pfister
Managing director

# PIPE SYSTEMS MADE IN GERMANY







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





### **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.

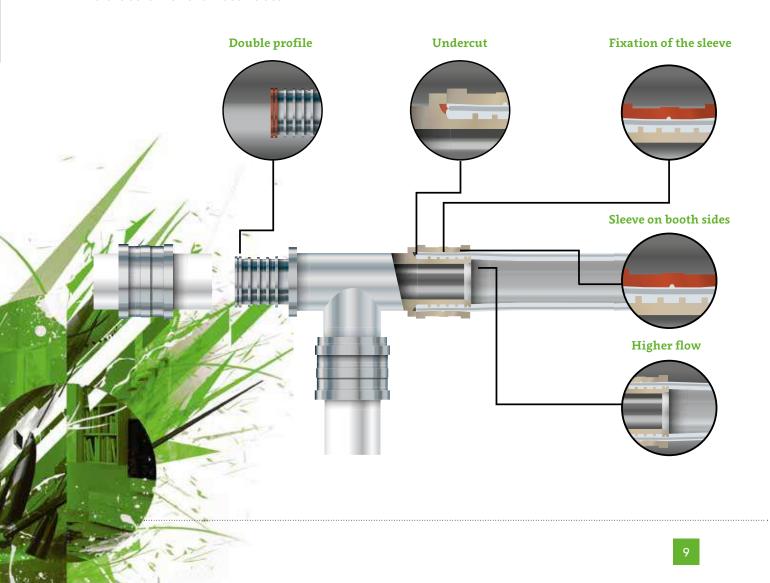
#### Higher flow

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







#### 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



#### 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



#### 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



#### 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



# 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	10.016.2213	50 m
20 x 2,8 / 13 mm red	10.020.2813	50 m
25 x 3,5 / 13 mm red	10.025.3513	50 m
32 x 4,4 / 13 mm red	10.032.4413	25 m
16 x 2,2 / 26 mm red	10.016.2227	25 m
20 x 2,8 / 26 mm red	10.020.2827	25 m
25 x 3,5 / 26 mm red	10.025.3527	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



#### 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 × 50	40.505.606	1 Pc



# 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



#### 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



#### 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



#### Push and press joint

Code	PU
30.207.101	10 Pcs
30.207.203	10 Pcs
30.207.303	10 Pcs
30.207.404	5 Pcs
	30.207.101 30.207.203 30.207.303



#### 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



#### 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



#### Coupler, reduced

Code	PU
30.100.201	10 Pcs
30.100.301	10 Pcs
30.100.302	10 Pcs
30.100.402	5 Pcs
30.100.403	5 Pcs
30.100.504	1 Pc
30.100.605	1 Pc
	30.100.201 30.100.301 30.100.302 30.100.402 30.100.403 30.100.504



Description/Dim.	Code	PU
h = 35 mm	70.700.000	10 Pcs
h = 45 mm	70.700.450	10 Pcs
h = 50 mm	70.701.000	10 Pcs
to be used with sound separat	or	



#### 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



 $similar\ to\ illustration$ 

## pre-assembled

Description/Dim.	Code	PU
I = 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



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

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



#### 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



#### **MAINPEX**



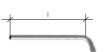
#### Crossing tee

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



### 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



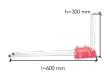
#### Joint euro cone

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 4: Compression tool set 32 - 50 without accessories

Code	PU
62.950.007	1 Set
62.950.006	1 Pc
62.950.021	1 Pc
60.953.204	1 Pc
60.952.202.1	1 Pc
62.950.004	1 Pc
	62.950.007 62.950.006 62.950.021 60.953.204 60.952.202.1



#### 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 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 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 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 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



### **MAINPEX**



### 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

