

oventrop

Innovation + Quality

Valves, controls + systems

“Combi-System”
“Copipe” Composition pipe
“Cofit” Connection system

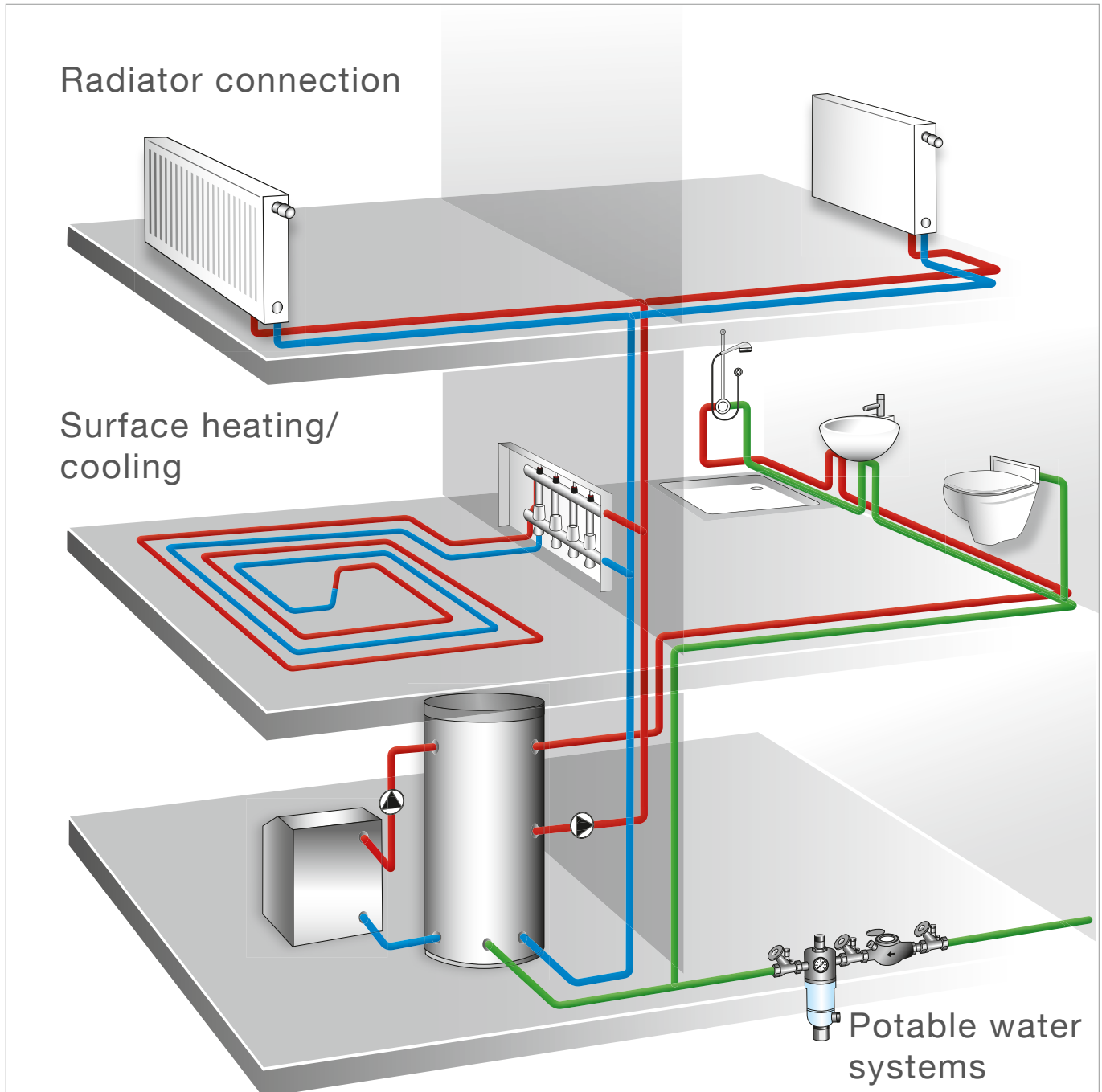
Product overview



DW-8501AT2407



Content	
Content	2
Summary “Combi-System”	
Connection system for radiator connection, surface heating / cooling and potable water systems	3
Application range “Radiator connection”	4
Application range “Surface heating and cooling”	5
Application range “Potable water systems”	6
“Copipe” Composition pipe	7
“Copipe” and “Copex” pipes - “Composition pipe “Copipe HSC”	8
“Copipe” and “Copex” pipes - “Composition pipe “Copipe HS”	10
Tools	12
“Cofit” Connection system	17
“Cofit P/PD/PDK” Press fittings for composition pipe “Copipe”	18
“Cofit S” Screwed fittings for composition pipe “Copipe”	35
“Cofit S” Screwed fittings for different pipes	37
Fixing material and accessories for pipes	42
Installation advice	43



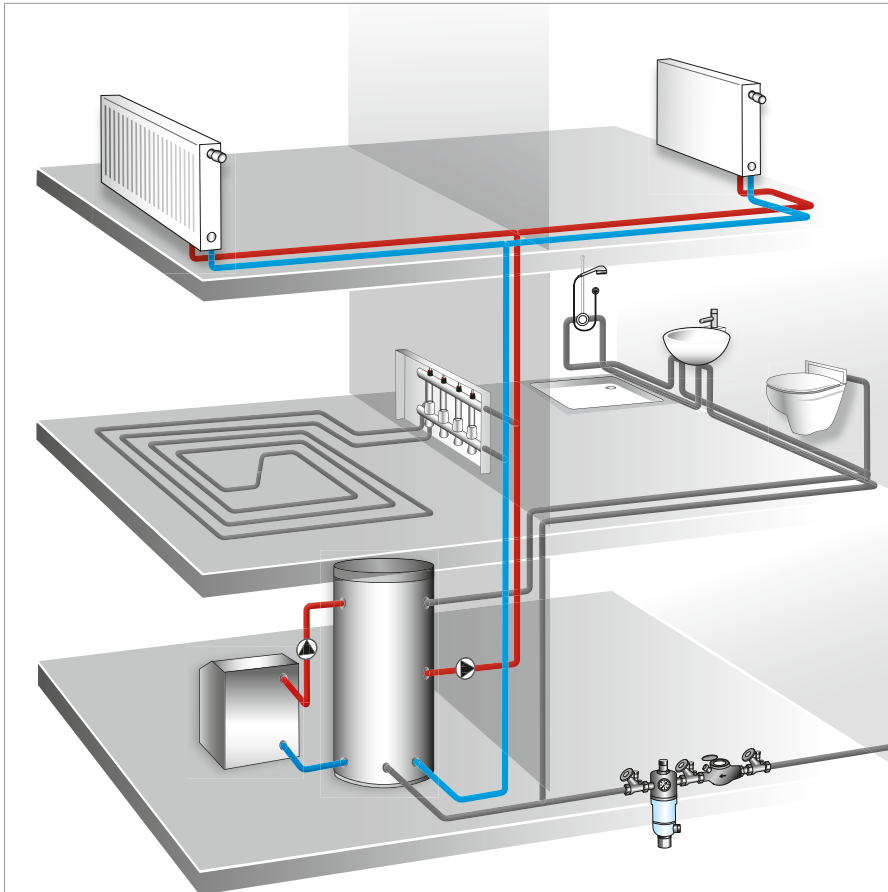
The Oventrop "Combi-System" consists of the composition pipe "Copipe", the connection system "Cofit S" (screwed fittings) and "Cofit P/PD/PDK" (press fittings), Oventrop valves and controls as well as accessories.

The "Combi-System" offers the advantage that it may be used for different applications. Same pipe and system components for the radiator connection, surface heating systems, sanitary installations and rain water usage plants.

All components may be used for the risers and for the floor to floor distribution.

Advantages:

- same pipe and system components for all applications
- uniform processing
- no problems regarding guarantee as all components are supplied by one manufacturer
- PN 16, 20 °C or 10 bar, 95 °C
- DVGW system approval, DVGW Reg. No.: DW-8501AT2407
- lasting tightness (thus installation even under plaster or concrete)
- materials may be recycled



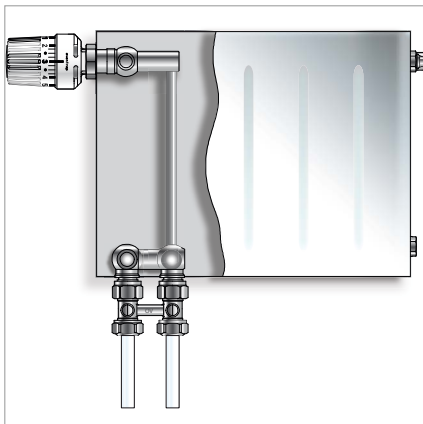
The “Combi-System” is suitable for use in central heating systems.

The components can be used for radiator connection and for the installation of pipework fittings, such as double regulating and commissioning valves and differential pressure regulators.

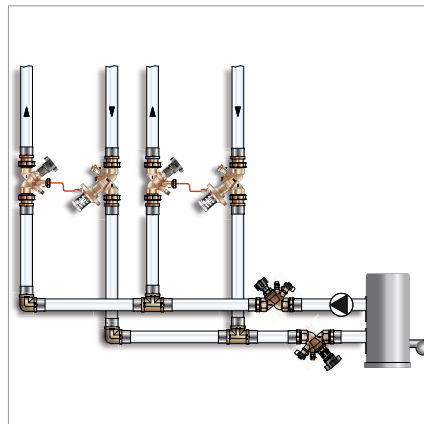
Apart from the composition pipe “Copipe” and the connection system “Cofit”, the product range “Radiator connection” consists of thermostatic radiator valves, distributors/ collectors, cabinets, valves for heat meters and valves for hydronic balancing.

1 Connection of a radiator with integrated distributor for one and two pipe heating systems

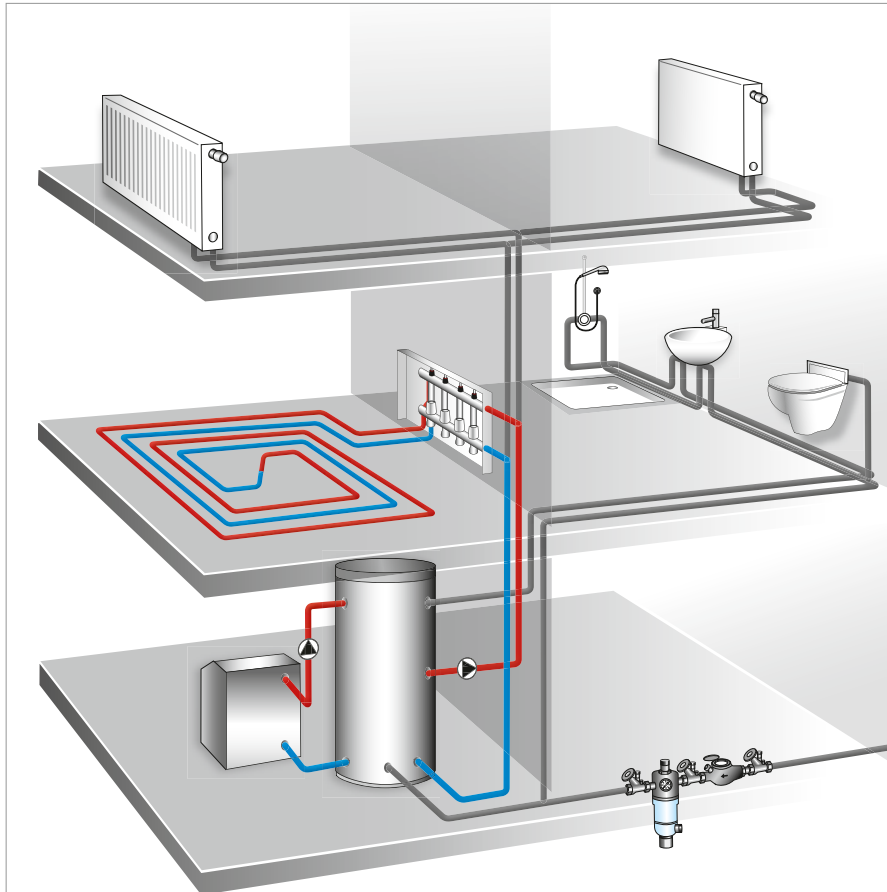
2 Pipe scheme with risers



1



2



Surface heating and cooling with circulation pump.

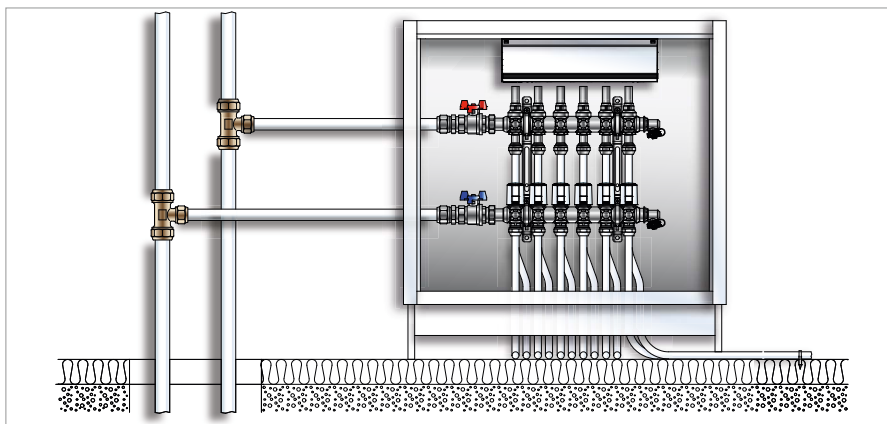
The product range “Surface heating and cooling” consists of the complete surface heating system “Cofloor” with “Copex” and “Copipe” pipes, the connection system “Cofit”, base mats, tacker boards, edge insulating strips, further accessories, regulating valves, devices for individual room temperature control, distributors / collectors, cabinets, valves for heat meters and valves for flow measurement.

Further information is detailed in the product range “Surface heating and cooling systems Cofloor”.

For the control of individual surface heating/cooling circuits, also in combination with radiators, Oventrop offers the “Unibox” system. Different models allow for the realisation of an individual room temperature control according to the German Energy Saving Directive well adjusted to the respective application.

Further information is detailed in the product range “Unibox”.

An economical and comfortable surface heating and cooling installation may be realised in old and new buildings with the “Unibox” system, the composition pipe “Copipe” and the connection system “Cofit”.

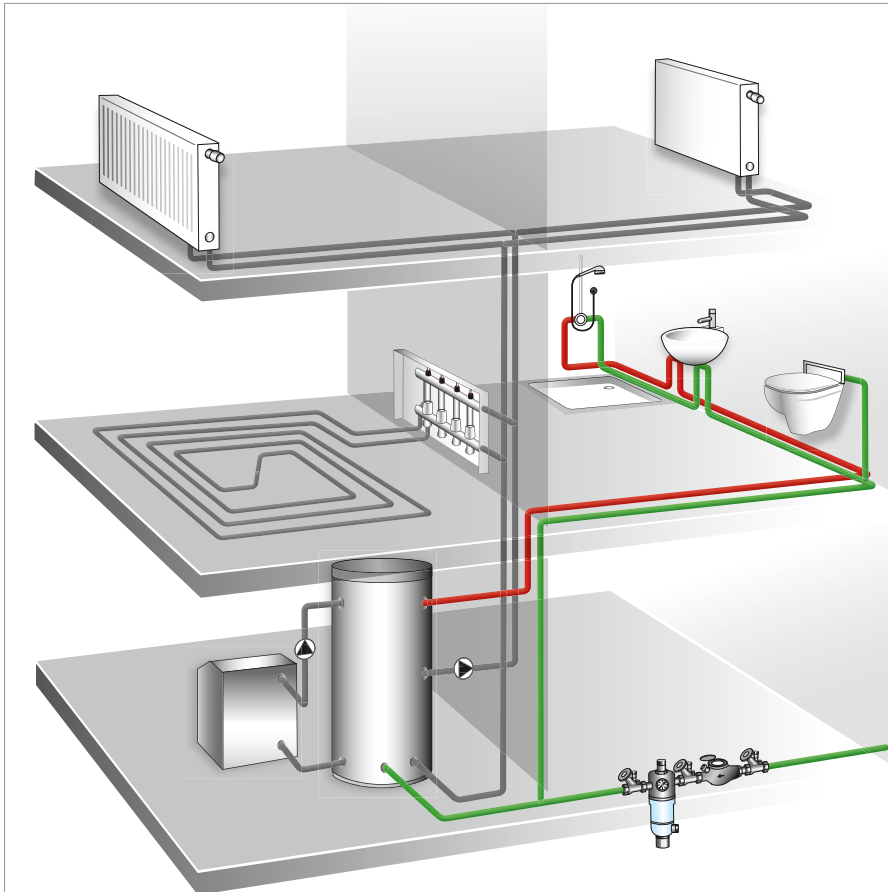


1

- 1 Distributor/collector for surface heating and cooling with six heating circuits
- 2 Individual room temperature control “Unibox E T” with thermostatic valve.



2



The “Combi-System” can be used for cellar distribution, risers and sanitary connections (sink, shower, etc.).

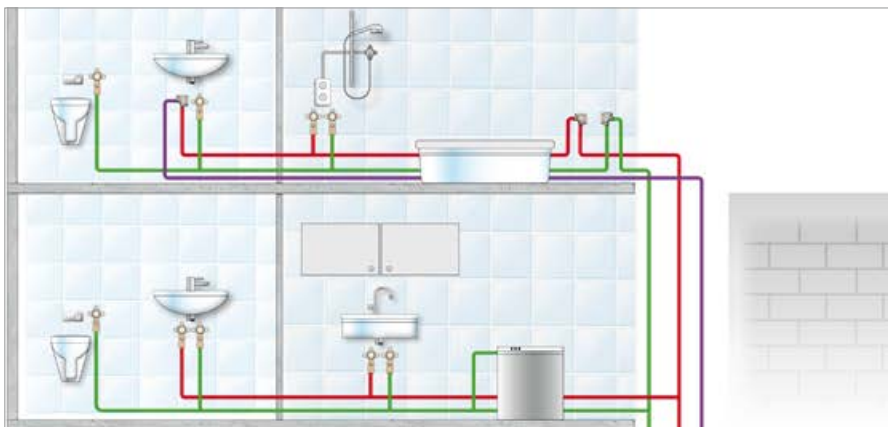
Apart from the composition pipe “Copipe” and the connection system “Cofit”, the product range “Potable water systems” consists of wall mounted connection pieces, distributors/collectors, cabinets, free flow and “KFR” valves, water filters, flushing systems and other products for potable water systems.

The “Combi-System” is suitable for the installation of new systems and the refurbishment and extension of existing installations. It may be combined with other pipe materials.

Due to their high quality and corrosion resistance, the individual system components may also be used in rain water usage plants.

1 Valves and pipes in a potable water installation

2 Press connection of wall mounted connection pieces



1



2

6



1



2

The composition pipe “Copipe” is a triple layered composition pipe (polyethylene/ aluminium/polyethylene).

The pipes are tested according to the DVGW work sheet W 542.

All pipes are marked (proper name, dimension, max. operating pressure, max. operating temperature, DVGW label, pipe composition, coded production date, consecutive length indication -metre).

Advantages:

- same pipe for all applications
- diffusion tight (oxygen tight)
- corrosion resistant
- dimensionally stable, no spring back of pipe
- high flexibility even at low temperatures
- low thermal conditional change in length
- low weight
- excellent long term durability

- 1 Composition pipe “Copipe”
- 2 Composition pipe “Copipe” with insulation
- 3 Approvals

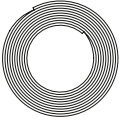




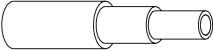

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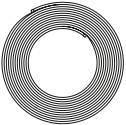



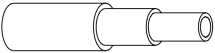

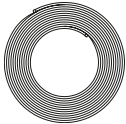
The composition pipe “Copipe” may be recycled.

Dimension Outer diameter x wall thickness		DN 10 14 x 2.0 mm	DN 12 16 x 2.0 mm	DN 15 18 x 2.0 mm	DN 15 20 x 2.5 mm	DN 20 26 x 3.0 mm	DN 25 32 x 3.0 mm	DN 32 40 x 3.5 mm	DN 40 50 x 4.5 mm	DN 50 63 x 6.0 mm
DVGW tested according to work sheets W 542 and W 534	“Copipe HS”	X	X	X	X	X	X	X	X	X
	“Copipe HSC”	X	X		X	X	X	X		
	“Cofit S”	X	X	X	X	X	X			
	“Cofit P”		X		X	X	X	X	X	X
	“Cofit PD”		X		X	X				
	“Cofit PDK”		X		X					

Article	Packing Article-No. unit	Hint		
	“Copipe HSC” Composition pipe PE-RT/AL/PE-RT white rolls Dimension 14 x 2 mm length per roll 50 m length per roll 100 m length per roll 200 m	Application: Central heating systems with circulation pump, surface heating and cooling systems as well as sanitary installations. DVGW tested (dimension 14 x 2.0 mm). DVGW approved (dimension 16 x 2.0 mm and above). DVGW reg.-no. DW-8501AT2407. Max. operating pressure p_s : 6 bar at 90 °C p_s : 10 bar at 70 °C		
	Dimension 16 x 2 mm length per roll 50 m length per roll 100 m length per roll 200 m length per roll 500 m	(50) 1541055 (100) 1540155 (200) 1540255 (500) 1540555	Diffusion tight three-layered composition pipe - inner layer made of PE-RT - aluminium pipe welded end to end - outer coating made of PE-RT bonded by adhesive layers. Pipework has to be insulated according to the valid laws, decrees, standards and guidelines.	
	Dimension 20 x 2.5 mm length per roll 50 m length per roll 100 m length per roll 200 m	(50) 1541060 1540160 (200) 1540260	Suitable insulation material to be obtained from specialist stores.	
	Dimension 26 x 3.0 mm length per roll 50 m	(50) 1541066		
	Dimension 32 x 3.0 mm length per roll 50 m	(50) 1541072		
	with 4 mm insulation length per roll 50 m		Pipe with 4 mm insulation layer for the installation of cold water pipes according to DIN 1988.	
	Dimension 16 x 2.0 mm Dimension 20 x 2.5 mm	(50) 1541155 (50) 1541160		
	with 6 mm insulation length per roll 50 m		Pipe with 6 mm insulation layer for the installation of cold water pipes according to DIN 1988.	
	Dimension 16 x 2.0 mm Dimension 20 x 2.5 mm	(50) 1541355 (50) 1541360		
		with 9 mm insulation length per roll 50 m	Pipe with 9 mm insulation layer for insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.	
		Dimension 16 x 2.0 mm Dimension 20 x 2.5 mm	(50) 1541455 (50) 1541460	
		in protective tube (corrugated pipe) length per roll 50 m	The black corrugated pipe made of polyethylene offers an additional protection against damage and UV rays.	
		Dimension 14 x 2.0 mm Dimension 16 x 2.0 mm Dimension 20 x 2.5 mm	(50) 1541254 (50) 1541255 (50) 1541260	

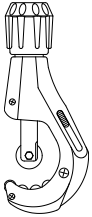
Article	Packing Article-No. unit	Hint
	<p>rods length: 5 m</p> <p>Dimension 16 x 2.0 mm 12 lengths</p> <p>Dimension 20 x 2.5 mm 10 lengths</p> <p>Dimension 26 x 3.0 mm 9 lengths</p> <p>Dimension 32 x 3.0 mm 6 lengths</p> <p>Dimension 40 x 3.5 mm 4 lengths</p>	<p>Fire protection: Tested fire protection systems of the Fire Resistance Regulations Class R90 for "Copipe HSC" composition pipes are available from specialist stores:</p> <ul style="list-style-type: none"> - Fire protection tape Curaflam of the company Doyma - Pipe coating Conlit 150 u and continuing insulation shell Rockwool 800 <p>Awards:  Pragothem, Prague</p>

Article	Packing Article-No. unit	Hint
"Copipe HS" Composition pipe PE-Xc/AL/PE-Xb white rolls 		Application: Central heating systems with circulation pump, surface heating and cooling systems as well as sanitary installations. Max. operating pressure p_g : 10 bar at 95 °C 16 bar (PN 16) for cold water DVGW reg. no. DW-8501AT2407
Dimension 14 x 2.0 mm length per roll 50 m length per roll 100 m length per roll 200 m	(50) 1501054 (100) 1500154 (200) 1500254	Diffusion tight three-layered composition pipe – inner layer made of crosslinked polyethylene – aluminium pipe welded end to end – outer layer made of crosslinked polyethylene bonded by special layers.
Dimension 16 x 2.0 mm length per roll 50 m length per roll 100 m length per roll 200 m length per roll 500 m	(50) 1501055 (100) 1500155 (200) 1500255 (500) 1500555	When used in combination with the press fittings "Cofit P", the composition pipe "Copipe HS", dimension 16-63, is licensed according to German Lloyd for shipbuilding.
Dimension 18 x 2.0 mm length per roll 100 m	(100) 1500158	Pipework must be insulated according to the valid laws, decrees, standards and regulations.
Dimension 20 x 2.5 mm length per roll 100 m length per roll 50 m	(100) 1500160 (50) 1501060	Suitable insulation material available from specialist stores.
Dimension 26 x 3.0 mm length per roll 50 m	(50) 1501066	
Dimension 32 x 3.0 mm length per roll 50 m	(50) 1501072	
with 4 mm insulation length per roll 50 m		Pipe with 4 mm insulation layer for the installation of cold water pipes according to DIN 1988.
Dimension 16 x 2.0 mm Dimension 20 x 2.5 mm	(50) 1501155 (50) 1501160	
with 6 mm insulation length per roll 50 m		Pipe with 6 mm insulation layer for the installation of cold water pipes according to DIN 1988.
Dimension 16 x 2.0 mm Dimension 20 x 2.5 mm	(50) 1501355 (50) 1501360	
with 9 mm insulation length per roll 50 m		Pipe with 9 mm insulation layer for insulation requirements according to the German Energy Saving Directive (EnEV) and DIN 1988.
 Dimension 16 x 2.0 mm Dimension 20 x 2.5 mm	(50) 1501455 (50) 1501460	
in protective tube (corrugated pipe) length per roll 50 m		The black corrugated pipe made of polyethylene offers an additional protection against damage and UV rays.
Dimension 14 x 2,0 mm Dimension 16 x 2.0 mm Dimension 20 x 2.5 mm	(50) 1501254 (50) 1501255 (50) 1501260	

	Article	Packing unit	Article-No.	Hint	
	rods			Fire protection: Tested fire protection systems of the Fire Resistance Regulations Class R90 for "Copipe HS" composition pipes are available from specialist stores: - Fire protection tape Curaflam of the company Doyma - Pipe coating Conlit 150 and continuing insulation shell Rockwool 800 Awards:  Pragothem, Prague	
	length: 5 m				
	Dimension 16 x 2.0 mm 20 lengths	(5)	1501555		
	dimension 20 x 2.5 mm 13 lengths	(5)	1501560		
	Dimension 26 x 3.0 mm 7 lengths	(5)	1501566		
	Dimension 32 x 3.0 mm 5 lengths	(5)	1501572		
	Dimension 40 x 3.5 mm 9 lengths	(5)	1501580		
	Dimension 50 x 4.5 mm 4 lengths	(5)	1501582		
	Dimension 63 x 6.0 mm 3 lengths	(5)	1501584		
	"Copex" PE-Xc Plastic pipe with oxygen barrier			Application: Central heating systems, surface heating and cooling systems. Pipes according to DIN 16892 / DIN 16893 / DIN EN ISO 15 875 / EN 1264-4 (except for dimensions 26 and 32). Oxygen tight according to DIN 4726 (all dimensions).	
	rolls				
	Dimension 14 x 2 mm			Max. operating pressure p_s : 6 bar at 90 °C 10 bar at 60 °C	
	length per roll 120 m	(120)	1400051		
	length per roll 240 m	(240)	1400052		
	length per roll 600 m	(600)	1400054		
	Dimension 16 x 2 mm				Max. operating pressure p_s : 6 bar at 90 °C 10 bar at 60 °C
	length per roll 120 m	(120)	1400151		
	length per roll 240 m	(240)	1400152		
	length per roll 600 m	(600)	1400154		
	Dimension 17 x 2 mm				Max. operating pressure p_s : 6 bar at 90 °C 10 bar at 60 °C
	length per roll 120 m	(120)	1400251		
length per roll 240 m	(240)	1400252			
length per roll 600 m	(600)	1400254			
Dimension 20 x 2.5 mm			Max. operating pressure p_s : 8 bar at 90 °C 10 bar at 60 °C 13 bar at 20 °C		
length per roll 50 m	(50)	1400460			
length per roll 100 m	(100)	1400461			
Dimension 26 x 3 mm			Max. operating pressure p_s : 6 bar at 90 °C 10 bar at 60 °C		
length per roll 50 m	(50)	1400560			
length per roll 200 m	(200)	1400562			
length per roll 300 m	(300)	1400563			
Dimension 32 x 3 mm			Max. operating pressure p_s : 6 bar at 90 °C 8 bar at 60 °C 10 bar at 20 °C		
length per roll 50 m	(50)	1400660			

Article	Article-No.	Hint
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Tools
for pipes



Pipe cutter
with special cutting wheel

up to 32 mm diameter
Spare cutting wheel

1509580
1509588

For cutting the pipes at right angles, one tool for all diameters.
Spare cutting wheel in the grip.

For pipe cutter 1509580.

up to 63 mm diameter
Spare cutting wheel

1509589
1509593

For pipe cutter 1509589.



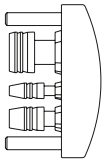
Pipe shears
up to 20 mm diameter

with protective tube cutter

1509567

Spare cutter for composition pipe
Spare cutter for protective tube

1509568
1509569



Universal tool
for deburring and calibrating
mandrels made of stainless steel

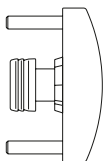
for pipes 14 x 2.0 mm
for pipes 16 x 2.0 mm
for pipes 20 x 2.5 mm
for pipes 26 x 3.0 mm
for pipes 32 x 3.0 mm

1509594

For calibrating and deburring the pipes at the same time. By calibrating and chamfering the pipe ends, optimal fitting conditions are ensured for the reinforcing sleeves of the press fittings "Cofit P" and for the outlets of the compression fittings "Cofit S".

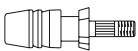
for pipes 14 x 2.0 mm
for pipes 16 x 2.0 mm
for pipes 18 x 2.0 mm
for pipes 20 x 2.0 mm
for pipes 26 x 3.0 mm

1509596



for pipes 40 x 3.5 mm


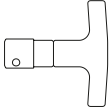
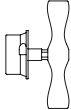
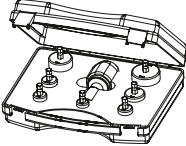
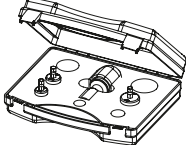

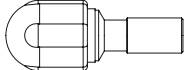
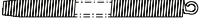
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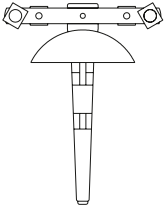

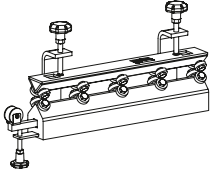
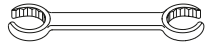
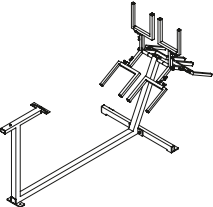
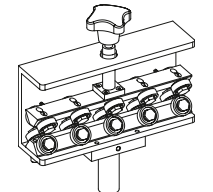
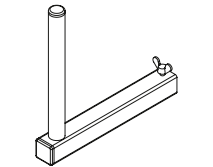
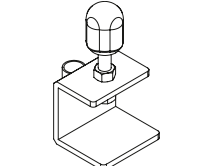


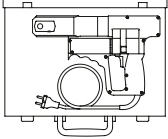
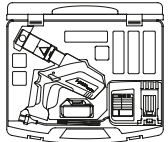

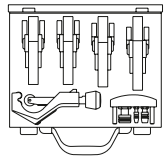








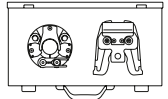
Mandrels
for universal tool
for deburring and calibrating
made of stainless steel



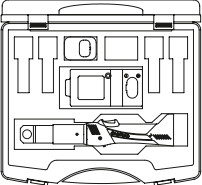



for pipes 14 x 2.0 mm
for pipes 16 x 2.0 mm
for pipes 20 x 2.5 mm
for pipes 26 x 3.0 mm
for pipes 32 x 3.0 mm

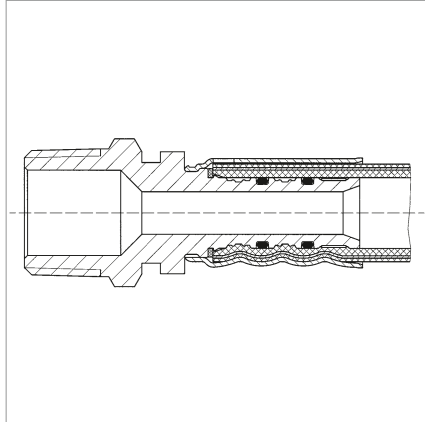
1509570
1509571
1509573
1509574
1509575

Article	Article-No.	Hint
	<p>Smoothing tool for deburring and smoothing cutting edge made of hardened stainless steel</p> <p>for pipes 40 x 3.5 mm</p>	<p>1519595</p>
	<p>Handgrip for smoothing tool</p>	<p>1519596</p>
	<p>Universal tool for deburring and calibrating</p> <p>for pipes 50 x 4.5 mm for pipes 63 x 6.0 mm</p>	<p>1519598 1519599</p>
	<p>Tool case for deburring/calibrating made of plastic</p> <p>Content: Deburring and calibrating tools made of tempered stainless steel with protecting cover made of galvanised steel for pipes 14 x 2 mm for pipes 16 x 2 mm for pipes 18 x 2 mm for pipes 20 x 2.5 mm for pipes 26 x 3 mm for pipes 32 x 3 mm for pipes 40 x 3.5 mm</p>	<p>Deburring and calibrating tool with 9 mm hexagon seating. Deburring and calibrating tool for use with rechargeable battery screwdriver up to a max. speed of 500 revolutions/min.</p>
	<p>Content: 1519594 Deburring and calibrating tools made of tempered stainless steel with protecting cover made of galvanised steel with handgrip for pipes 16 x 2 mm for pipes 20 x 2.5 mm for pipes 26 x 3 mm</p>	
	<p>Deburring and calibrating tool made of tempered stainless steel with protecting cover made of galvanised steel</p> <p>for pipes 17 x 2 mm for pipes 20 x 2 mm</p>	<p>Deburring and calibrating tool with 9 mm hexagon seating.</p>
	<p>Handgrip for deburring and calibrating tool</p>	<p>With 9 mm hexagon seating.</p>
	<p>Pipe bending spring made of stainless steel length 600 mm</p> <p>for pipes 14 x 2.0 mm for pipes 16 x 2.0 mm for pipes 20 x 2.5 mm</p>	<p>Prevents folding and kinking of the pipe, especially when bending small radii by hand. For bending the composition pipe to radii smaller than 5 x D.</p>

Article	Article-No.	Hint
	<p>Pipe bending tool for pipes with an outer diameter</p> <p>14, 16, 18, 20 and 26 mm</p>	<p>For the simple construction of even radii for outer pipe dimensions of 14 to 26 mm, mechanical transmission. Pipe bending tools for larger pipe diameters are available from specialist stores, e. g. Tube Bender Maxi of the company Rothenberger.</p>
	<p>Holding key aluminium</p> <p>Spanner size 24/30</p>	<p>For holding the fittings. Simplifies the installation of the compression fittings.</p>
<p>Spanner size 26/37</p>	<p>1509586</p>	<p>For fittings with G 1/4 male thread or for tightening the G 1 collar nut of the dimension 26 x 3 mm.</p>
	<p>Pipe straightener for composition pipe "Copipe"</p> <p>16-26 mm</p>	<p>Suitable for coil unwinder 1519460.</p>
	<p>Ring spanner</p> <p>Spanner size 30/32</p>	<p>For the installation of the compression fittings.</p>
	<p>Coil unwinder for pipes</p> <p>16-26 mm</p> <p>1519460</p>	<p>With location for pipe straightener 1519461.</p>
	<p>Pipe straightener for composition pipe "Copipe"</p> <p>14-26 mm</p> <p>1519462</p>	<p>Suitable for adapter and bench mounting set.</p>
	<p>Adapter for pipe straightener and coil unwinder</p> <p>1519465</p>	<p>To fix the pipe straightener 1519462 to the coil unwinder 1402096.</p>
	<p>Bench mounting set for pipe straightener</p> <p>1519466</p>	<p>To fix the pipe straightener 1519462 to a work bench or a table etc.</p>

Article	Article-No.	Hint
<p>Press tools for "Cofit P" press fittings and pipes</p>		
	1519480	<p>The sheet steel case has allowances for 6 press bits. Machine only as replacement (without sheet steel case) available on demand.</p>
	1519476	<p>Machine only as replacement (without plastic case and accessories) available on demand.</p>
	1519482	<p>Suitable press bits: Item no. 1519489 (diameter 14 mm) Item no. 1519491 (diameter 16 mm) Item no. 1519492 (diameter 20 mm) Item no. 1519493 (diameter 26 mm) with two additional location holes.</p>
	1519490	
<p>Press system case made of sheet steel Content: Press bits 16, 20, 26, 32 mm Pipe cutter Universal tool for deburring and calibrating</p>		
	1519491	<p>Suitable for use with the Oventrop press machines item no. 1519476 and 1519780. The Oventrop press bits may also be used with the press machines of the following companies: Geberit type PWH75, Klauke types UAP2, UAP 3L, UP2EL, Mannesmann/Novopress types EFP2, ECO1, AFP2, ACO1, Polytherm, Rems, Roller, Rothenberger, Uponor/Unicor, Velta, Viega type 2.</p>
<p>Type H 16 A, for pipe Ø 16 x 2 mm</p>		
	1519492	
<p>Type H 20 A, for pipe Ø 20 x 2.5 mm</p>		
	1519493	
<p>Type H 26 A, for pipe Ø 26 x 3 mm</p>		
	1519494	
<p>Type H 32 A, for pipe Ø 32 x 3 mm</p>		
	1519495	
<p>Type H 40 A (2G), for pipe Ø 40 x 3.5 mm</p>		
	1519489	<p>Only suitable for use with the following press couplings:</p>
<p>Type RN 14, for pipe Ø 14 x 2 mm</p>		<p>Item no. 1512542 (14 x 2 mm)</p>
	1519488	<p>Item no. 1512544 (17 x 2 mm)</p>
<p>Type RN 17, for pipe Ø 17 x 2 mm</p>		
	1519481	<p>Item no. 1512541 (20 x 2 mm)</p>
<p>Type RN 20 for pipe Ø 20 x 2 mm</p>		
	1519497	<p>Suitable for use with the Oventrop press machines item no. 1519476 and 1519480 as well as the press machines of the following companies: Geberit type PWH75, Klauke type UAP2, UAP 3L, Mannesmann/Novopress types EFP2, ECO1, AFP2, ACO1, Rems, Viega type 2.</p>
<p>Press clamps with auxiliary bits in a sheet steel case for Ø 40 mm pipe</p>		

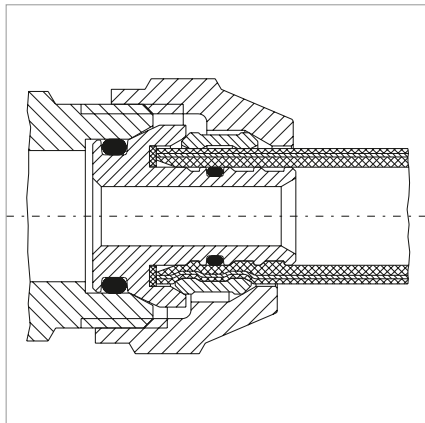
Article	Article-No.	Hint	
	<p>Press bits for pipe Ø 50 mm</p>	<p>1519445</p>	<p>Suitable for use with the Oventrop press machines item no. 1519476 and 1519480 well as the press machines of the following companies: Klauke types UAP2, UAP 3L, Uponor/Unicor type UP 75.</p>
	<p>Pressing device for pipe Ø 63 mm</p>	<p>1519446</p>	
	<p>Press machine 18 V (Li-ion rechargeable battery) Battery charger Rechargeable battery 18 V / 1.5 V Ah in a plastic case</p>	<p>1519681</p>	<p>Suitable press bits: Item no. 1519691 (Ø 16 mm) Item no. 1519692 (Ø 20 mm) Item no. 1519693 (Ø 26 mm) Item no. 1519694 (Ø 32 mm) Machine only as replacement (without plastic case) available on demand.</p>
	<p>Press bits for press machine 18 V (Li-ion rechargeable battery)</p> <p>for pipe Ø 16 mm 1519691 for pipe Ø 20 mm 1519692 for pipe Ø 26 mm 1519693 for pipe Ø 32 mm 1519694</p>		<p>Suitable for use with the Oventrop press machine 18 V (rechargeable battery) (item no. 1519681).</p>
Accessories			
	<p>Battery charger for press machine 18 V (Li-Ion rechargeable battery)</p>	<p>1519483</p>	
	<p>Rechargeable battery 18 V / 3.0 Ah for press machine 18 V (Li-Ion rechargeable battery)</p>	<p>1519484</p>	<p>For Oventrop press machines 18 V item no. 1519476 and 1519681.</p>



Press connection



Composition pipe “Copipe” with press coupling “Cofit P/PD/PDK” and press machine



Compression fitting for male threaded connection



Composition pipe “Copipe” with 90° elbow “Cofit S”

The Oventrop connection system “Cofit” consists of the screwed fittings “Cofit S” and the press fittings “Cofit P/PD/PDK”.

“Cofit P/PD/PDK”

All components of the press fittings “Cofit P/PD/PDK” coming into contact with water are corrosion resistant. The outlet which is reinforced on the pipe side features the following characteristics:

- grooves for triple radial pressing to absorb tensile forces
- knurl to absorb torsional forces
- double O-ring seal
- insulation for galvanic separation of aluminium and fitting

Advantages:

- time-saving and simple installation
- clean connection
- safe connection due to triple radial pressing
- double O-ring seal
- galvanic separation of fitting and pipe
- captive stainless steel casing
- control of pipe insertion depth through viewers
- all components coming into contact with water are made of bronze/plastic
- PN 16, 20 °C or 10 bar, 95 °C
- uniform processing
- lasting tightness (thus installation even under plaster or concrete)
- no problems regarding guarantee as all components are supplied by one manufacturer

“Cofit S”

All components of the screwed fittings “Cofit S” coming into contact with water are made of bronze. The collar nuts and compression rings are made of brass. The lasting tightness is guaranteed by pressing the pipe onto the outlet combined with the additional O-ring seal. The galvanic separation of aluminium and bronze is guaranteed by a PTFE ring. Metallic sealing towards the body is achieved with the help of a tapered surface and an O-ring offers additional protection.

Advantages:

- one connection system for all applications
- all components coming into contact with water are made of corrosion-resistant material
- PN 16, 20 °C or 10 bar, 95 °C
- connection can be easily unscrewed
- uniform processing
- universal connection alternatives
- clean connection
- lasting tightness (thus installation even under plaster or concrete)
- no problems regarding guarantee as all components are supplied by one manufacturer

Dimension Outer diameter x wall thickness	DN 10 14 x 2.0 mm	DN 12 16 x 2.0 mm	DN 15 18 x 2.0 mm	DN 15 20 x 2.5 mm	DN 20 26 x 3.0 mm	DN 25 32 x 3.0 mm	DN 32 40 x 3.5 mm	DN 40 50 x 4.5 mm	DN 50 63 x 6.0 mm
DVGW tested according to work sheets W 542 and W 534									
“Copipe HS”	X	X	X	X	X	X	X	X	X
“Copipe HSC”	X	X		X	X	X	X		
“Cofit S”	X	X	X	X	X	X			
“Cofit P”		X		X	X	X	X	X	X
“Cofit PD”		X		X	X				
“Cofit PDK”		X		X					



1



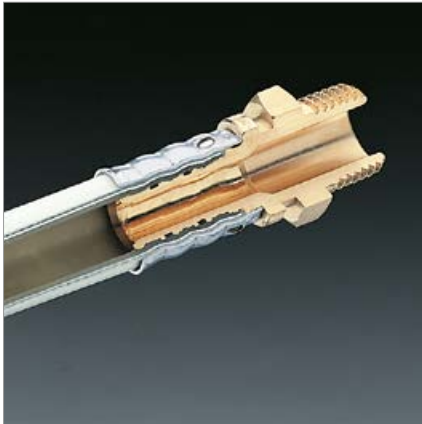
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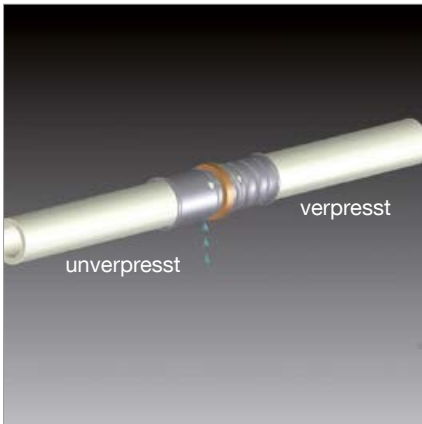
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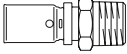
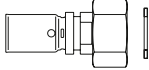
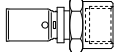



8

The Oventrop press connection system “Cofit P/PD/PDK” is a connection system which was developed for the Oventrop composition pipe “Copipe”. This forward-looking system allows for the safe connection of the composition pipes among themselves and to valves. The press fittings “Cofit P/PD/PDK” consist of a bronze or plastic body with two O-rings for a lasting double seal and an insulation ring for the galvanic separation of the aluminium layer of the composition pipe and the fitting.

Captive connection between the stainless steel casing and the body of the fitting 16-32, 50, 63 mm). The insertion depth of the composition pipe can be controlled at any time with the help of the viewers. The casing transmits the forces of the triple radial pressing providing a high protection against tensile or flexional strains. Different models of press fittings allow for the connection of the composition pipe “Copipe” of identical or different dimensions, the realisation of deviations as well as the change of pipe materials. As the press fittings “Cofit P/PD/PDK” are made of corrosion-resistant materials, such as bronze, brass resistant to dezincification, plastic and stainless steel, they may be used for different domestic and industrial applications. Pipes and fittings are, for instance, suitable for radiator connection, surface heating and cooling, sanitary installations, rain water usage plants and oil-free compressed air. The simple and fast realisation of connections is done with the help of commercial press machines, press bits and press clamps. Detailed information can be obtained from the technical data sheets and installation instructions.

- 1 Press fittings “Cofit P/PD” T-pieces, elbows, couplings, connections
- 2 Press fittings “Cofit PDK” (plastic, pressing must be carried out to tighten the connection)
- 3 Press fittings “Cofit P/PD” for sanitary installations Wall mounted connection pieces, wall traverse, flush elbows for cisterns, brackets with wall mounted connection pieces and sound insulation
- 4 Cross fitting “Cofit P/PD”
- 5 Cut “Copipe” pipe with male threaded press connection “Cofit P/PD”
- 6 Composition pipe “Copipe” with press fittings “Cofit P/PD” sized 50 x 4.5 and 63 x 6.0 mm
- 7 Press fittings “Cofit PD” are designed not to seal fully before they are pressed. This safety function allows water to escape from any non-pressed fitting during pressure test, thereby allowing easy identification of a non-pressed fitting.
- 8 System case for press connection system - Battery press machine 18 V

Article	Packing unit	Article-No.	Hint
"Cofit P" Press fittings bronze, dimension 40, 50 and 63 mm made of brass, stainless steel casing, for composition pipe "Copipe"			Universal application for heating and cooling systems and sanitary installations. Approvals: DVGW for all dimensions. ATEC, CSTBat and ÖNORM up to dimension 40. For valves and fittings with female thread.
Press connection with male thread unplated			
	16 x 2.0 mm x R 1/2 (10) 1512043 16 x 2.0 mm x R 3/8 (10) 1512044 20 x 2.5 mm x R 1/2 (10) 1512045 20 x 2.5 mm x R 3/4 (10) 1512046 20 x 2.5 mm x R 5/8 (10) 1512047 26 x 3.0 mm x R 3/4 (5) 1512048 26 x 3.0 mm x R 1 (5) 1512049 32 x 3.0 mm x R 1 (5) 1512051 40 x 3.5 mm x R 1 1/4 (5) 1512054 50 x 4.5 mm x R 1 1/2 1512056 63 x 6.0 mm x R 2 1512057		
	Press connection with collar nut unplated	16 x 2.0 mm x G 3/8 c/nut (10) 1512141 16 x 2.0 mm x G 3/4 c/nut (10) 1512143 20 x 2.5 mm x G 1/2 c/nut (10) 1512144 20 x 2.5 mm x G 3/4 c/nut (10) 1512145 26 x 3.0 mm x G 3/4 c/nu (5) 1512146 26 x 3.0 mm x G 1 c/nut (5) 1512147 32 x 3.0 mm x G 1 c/nut (5) 1512148 32 x 3.0 mm x G 1 1/4 c/nut (5) 1512149 40 x 3.5 mm x G 1 1/2 c/nut (5) 1512151 50 x 4.5 mm x G 1 3/4 c/nut 1512156 63 x 6.0 mm x G 2 3/4 c/nut 1512157	With flat seal. For instance for flat sealing Oventrop valves and fittings.
	Press connection with female thread	16 x 2.0 mm x Rp 1/2 (10) 1512243 20 x 2.5 mm x Rp 1/2 (10) 1512245 20 x 2.5 mm x Rp 3/4 (10) 1512246 26 x 3.0 mm x Rp 3/4 (5) 1512247 26 x 3.0 mm x Rp 1 (5) 1512248 32 x 3.0 mm x Rp 1 (5) 1512249 40 x 3.5 mm x Rp 1 1/4 (5) 1512252 50 x 4.5 mm x Rp 1 1/2 1512256 63 x 6.0 mm x Rp 2 1512257	For changing over to different pipe material and for valves and fittings with male threaded connection for sealing. For further information see "Technical information":
	Press coupling	16 x 2 mm x 16 x 2 mm (10) 1512543 20 x 2.5 mm x 20 x 2.5 mm (10) 1512545 26 x 3 mm x 26 x 3 mm (5) 1512546 32 x 3 mm x 32 x 3 mm (5) 1512547 40 x 3.5 mm x 40 x 3.5 mm (5) 1512548 50 x 4.5 mm x 50 x 4.5 mm 1512549 63 x 6 mm x 63 x 6 mm 1512550	

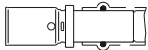


Article	Packing unit	Article-No.	Hint
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Press reducing coupling

20	x 16 mm	(10)	1512655
26	x 16 mm	(5)	1512656
26	x 20 mm	(5)	1512657
32	x 20 mm	(5)	1512659
32	x 26 mm	(5)	1512660
40	x 20 mm	(5)	1512662
40	x 26 mm	(5)	1512663
40	x 32 mm	(5)	1512664
50	x 40 mm		1512665
50	x 32 mm		1512666
63	x 40 mm		1512668
63	x 50 mm		1512669



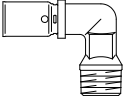
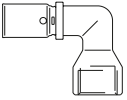
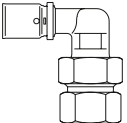
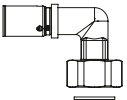
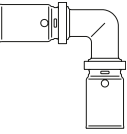
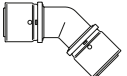
Press connection coupling

16	x 2.0 mm	x 10 mm	(10)	1514041
16	x 2.0 mm	x 12 mm	(10)	1514042
16	x 2.0 mm	x 14 mm	(10)	1514040
16	x 2.0 mm	x 15 mm	(10)	1514043
16	x 2.0 mm	x 16 mm	(10)	1514044
20	x 2.5 mm	x 15 mm	(10)	1514054
20	x 2.5 mm	x 16 mm	(10)	1514055
20	x 2.5 mm	x 18 mm	(10)	1514045
26	x 3.0 mm	x 22 mm	(10)	1514046
26	x 3.0 mm	x 22 mm	(5)	1514047

For changing over from copper press systems and stainless steel press systems to composition pipe "Copipe".
Not suitable for solder connection.

For further information see
"Technical information":



Article	Packing unit	Article-No.	Hint	
"Cofit P" Press elbows bronze, stainless steel casing, for composition pipe "Copeipe"			Universal application for heating and cooling systems and sanitary installations. Approvals: DVGW for all dimensions. ATEC, CSTBat and ÖNORM up to dimension 40. Male thread for sealing according to EN 10226. Dimension: 40 mm made of brass.	
Press connection elbow with male thread				
	16 x 2.0 mm x R 1/2	(10) 1512343	Female thread for sealing according to DIN EN 10226. Dimension: 50 mm made of brass.	
	16 x 2.0 mm x R 3/8	(10) 1512344		
	20 x 2.5 mm x R 1/2	(10) 1512345		
	20 x 2.5 mm x R 3/8	(10) 1512358		
	20 x 2.5 mm x R 3/4	(10) 1512346		
	26 x 3.0 mm x R 3/4	(5) 1512347		
	26 x 3.0 mm x R 1	(5) 1512357		
	32 x 3.0 mm x R 1	(5) 1512348		
	40 x 3.5 mm x R 1 1/4	(5) 1512349		
				Dimension: 50 mm made of brass.
Press connection elbow with female thread			For instance for the connection of the composition pipe "Copeipe" to hot water storage cylinders. With flat seal. For instance for flat sealing Oventrop valves and fittings.	
	16 x 2.0 mm x Rp 1/2	(10) 1512443		
	20 x 2.5 mm x Rp 1/2	(10) 1512445		
	20 x 2.5 mm x Rp 3/4	(10) 1512446		
	26 x 3.0 mm x Rp 3/4	(5) 1512447		
	26 x 3.0 mm x Rp 1	(5) 1512448		
	32 x 3.0 mm x Rp 1	(5) 1512449		
	50 x 4.5 mm x Rp 1 1/2	1512456		
				Dimension: 50 mm made of brass.
Press angle pattern fitting with female thread			For instance for the connection of the composition pipe "Copeipe" to hot water storage cylinders.	
	20 x 2.5 mm x Rp 3/4	(5) 1512745		
	26 x 3.0 mm x Rp 1	(5) 1512747		
Press connection elbow with collar nut			With flat seal. For instance for flat sealing Oventrop valves and fittings.	
	16 x 2.0 mm x G 3/8	(10) 1512751		
	16 x 2.0 mm x G 1/2	(10) 1512752		
	16 x 2.0 mm x G 3/4	(10) 1512753		
	20 x 2.5 mm x G 3/4	(10) 1512755		
	26 x 3.0 mm x G 3/4	(5) 1512757		
Press elbow 90°			Dimension: 40 mm made of brass. 50 mm made of brass. 63 mm made of brass.	
	16 x 16 mm	(10) 1512843		
	20 x 20 mm	(10) 1512845		
	26 x 26 mm	(5) 1512847		
	32 x 32 mm	(5) 1512849		
	40 x 40 mm	(5) 1512851		
	50 x 50 mm	1512852		
	63 x 63 mm	1512853		
Press elbow 45°			Dimension: 40 mm made of brass. 50 mm made of brass. 63 mm made of brass.	
	32 x 32 mm	(5) 1512949		
	40 x 40 mm	(5) 1512951		
	50 x 50 mm	1512952		
	63 x 63 mm	1512953		

For further information see
"Technical information":

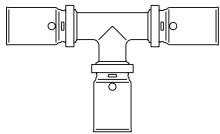


Article	Packing Article-No. unit	Hint
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“Cofit P” Press T-pieces
bronze,
stainless steel casing,
for composition pipe “Copipe”

Universal application for heating and cooling systems and sanitary installations.

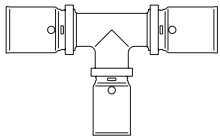
Approvals:
DVGW for all dimensions.
ATEC, CSTBat and ÖNORM up to dimension 40.



Press T-piece

16 x 16	x 16 mm	(10)	1513043
20 x 20	x 20 mm	(10)	1513045
26 x 26	x 26 mm	(5)	1513046
32 x 32	x 32 mm	(5)	1513047
40 x 40	x 40 mm	(5)	1513048
50 x 50	x 50 mm		1513049
63 x 63	x 63 mm		1513050

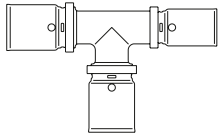
Dimension:
40 mm made of brass.
50 mm made of brass.
63 mm made of brass.



Press T-piece, reduced central port

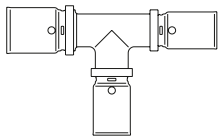
20 x 16	x 20 mm	(10)	1513155
26 x 16	x 26 mm	(5)	1513156
26 x 20	x 26 mm	(5)	1513157
32 x 16	x 32 mm	(5)	1513158
32 x 20	x 32 mm	(5)	1513159
32 x 26	x 32 mm	(5)	1513160
40 x 20	x 40 mm	(5)	1513162
40 x 26	x 40 mm	(5)	1513163
40 x 32	x 40 mm	(5)	1513164
50 x 40	x 50 mm		1513165
63 x 40	x 63 mm		1513167

Dimension:
40 mm made of brass.
40 mm made of brass.
40 mm made of brass.
50 mm made of brass.
63 mm made of brass.



Press T-piece, reduced straight port

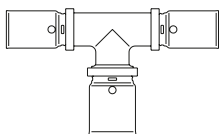
20 x 20	x 16 mm	(10)	1513255
26 x 26	x 20 mm	(5)	1513257



Press T-piece, reduced central and straight port

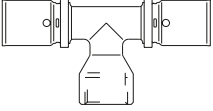
20 x 16	x 16 mm	(10)	1513354
26 x 16	x 20 mm	(5)	1513356
26 x 20	x 20 mm	(5)	1513358
32 x 20	x 26 mm	(5)	1513361
40 x 26	x 32 mm	(5)	1513365

Dimension:
40 mm made of brass.



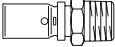
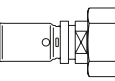
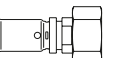
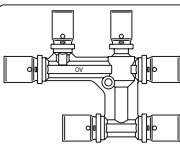

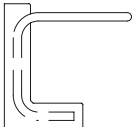
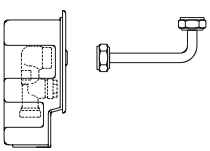
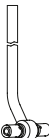
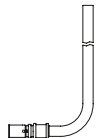
Press T-piece, enlarged central port

16 x 20	x 16 mm	(10)	1513454
20 x 26	x 20 mm	(5)	1513457
26 x 32	x 26 mm	(5)	1513460

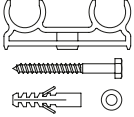
Article	Packing Article-No. unit	Hint
	Press connection T-piece with female thread	Female thread for sealing according to DIN EN 10226.
16 x Rp ½ x 16 mm	(10) 1513643	
20 x Rp ½ x 20 mm	(10) 1513645	
26 x Rp ½ x 26 mm	(5) 1513647	
26 x Rp ¾ x 26 mm	(5) 1513648	
32 x Rp ½ x 32 mm	(5) 1513649	
32 x Rp 1 x 32 mm	(5) 1513651	Dimension: 40 mm made of brass.
40 x Rp ½ x 40 mm	(5) 1513652	
40 x Rp 1 x 40 mm	(5) 1513655	
50 x G 1 x 50 mm	1513656	50 mm made of brass.
63 x G 1 x 63 mm	1513658	63 mm made of brass.

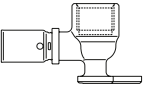
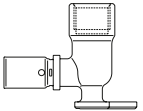
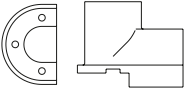
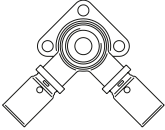
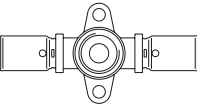
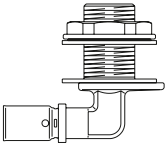
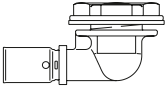

For further information see
"Technical information":



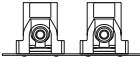
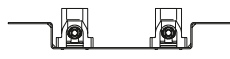
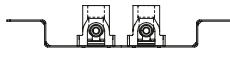



Article	Packing unit	Article-No.	Hint
"Cofit P" Press fittings stainless steel casing, for composition pipe "Copipe"			Application: Central heating systems with circulation pump and cooling systems. Max. pressure and temperature: 10 bar, 95 °C. For valves and radiator lockshield valves "Combi 2, 3 and 4" as well as nickel plated valves and fittings of other manufacturers with Rp 1/2 female thread.
Press connection with male thread bronze, nickel plated			
	16 x 2.0 mm x R 3/8	(10) 1512062	
	16 x 2.0 mm x R 1/2	(10) 1512063	
	20 x 2.5 mm x R 1/2	(10) 1512065	
Press connection with collar nut bronze, nickel plated			
	16 x 2.0 mm x G 3/4 c/nut	(10) 1512163	
	20 x 2.5 mm x G 3/4 c/nut	(10) 1512165	
brass resistant to dezincification, nickel plated			
	16 x 2.0 mm x G 3/8 c/nut	(10) 1512171	
	16 x 2.0 mm x G 1/2 c/nut	(10) 1512172	
Cross fitting with press connection brass, unplated			With insulation box.
	16 x 16 mm x 16 mm	1514653	
	20 x 16 mm x 16 mm	1514654	
	20 x 16 mm x 20 mm	1514655	
Pressure test plug with deaeration brass Set = 10 pieces, for composition pipe "Copipe"			Max. pressure 20 bar.
	16 x 2.0 mm	(10) 1506085	
	20 x 2.5 mm	(10) 1506087	
	26 x 3.0 mm	(10) 1506088	
	32 x 3.0 mm	(10) 1506089	
Radiator connection block with composition pipe "Copipe" 16 x 2.0 mm insulation made of expanded polystyrene			For simple radiator connection.
	Set = 10 pieces	(10) 1015645	
"Multimodul" Radiator connection			1015651
			
Radiator connection T-piece nickel plated, pipe made of copper, fitting made of brass for composition pipe "Copipe"			Height = 300 mm. Copper pipe: Ø 15 x 1.0 mm, Suitable compression fittings for instance item no. 1027443. Valid for item no. 1515143, 1515146 and 1515243.
	16 x 2.0 mm	(10) 1515143	
	20 x 2.5 mm	(10) 1515146	
Radiator connection elbow nickel plated, pipe made of copper, fitting made of brass for composition pipe "Copipe"			For further information see "Technical information":
	16 x 2.0 mm	(10) 1515243	

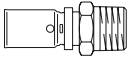
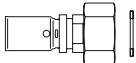
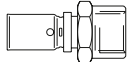





Article	Packing Article-No. unit	Hint
	Fixing set for radiator connection elbow	(10) 1515290

Article	Packing unit	Article-No.	Hint
“Cofit P” Wall mounted connection pieces with press connection bronze, stainless steel casing, for composition pipe “Copepe”			Approvals: DVGW for all dimensions. ATEC, CSTBat and ÖNORM up to dimension 40. For the connection of apparatus, valves and fittings. Fixing and insulating material available from specialist stores.
Wall mounted connection piece with press connection, 90°, short model			
	16 x 2.0 mm x Rp 1/2	(10) 1517053	
	20 x 2.5 mm x Rp 1/2	(10) 1517055	
	20 x 2.5 mm x Rp 3/4	(10) 1517056	
Wall mounted connection piece with press connection, 90°, long model			
	16 x 2.0 mm x Rp 1/2	(10) 1517043	
	20 x 2.5 mm x Rp 1/2	(10) 1517045	
Sound absorbing set			For wall mounted connection pieces item no. 1517043/45. For wall mounted connection pieces item no. 1517053/55/56.
		(10) 1518070 (10) 1518074	
Wall mounted connection piece with press connection, angle pattern			
	16 x 16 mm x Rp 1/2	(10) 1517143	
	20 x 20 mm x Rp 1/2	(10) 1517145	
Wall mounted connection piece with press connection, straight pattern			
	16 x 16 mm x Rp 1/2	(10) 1517243	
	20 x 20 mm x Rp 1/2	(10) 1517245	
	16 x 16 mm x Rp 1/2	(10) 1517253	
	20 x 20 mm x Rp 1/2	(10) 1517255	
			For long model.
			For short model.
Wall traverse with press connection, 90° with fixing set G 3/4			
	16 x 2.0 mm x Rp 1/2	(10) 1517343	
	20 x 2.5 mm x Rp 1/2	(10) 1517345	
Flush-mounted elbow for cisterns with press connection with fixing set G 3/4			
	16 x 2.0 mm x Rp 1/2	(10) 1517443	
Press connection with female thread with device against twisting			For flush mounting, for instance for outdoor taps.
	16 x 2.0 mm x Rp 1/2	(10) 1517643	
	20 x 2.5 mm x Rp 1/2	(10) 1517645	
			For further information see “Technical information”:



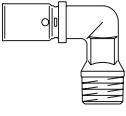

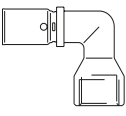
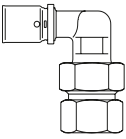
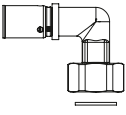
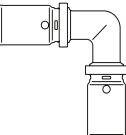
Article	Packing unit	Article-No.	Hint
Brackets with wall mounted connection pieces, short model and sound insulation			
Wall mounted connection piece		Gauge for bore holes	
	16 x 2.0 mm x Rp 1/2	153 mm (5) 1518183	With flat bracket.
	16 x 2.0 mm x Rp 1/2	80 mm (5) 1518184	
	16 x 2.0 mm x Rp 1/2	100 mm (5) 1518185	
	16 x 2.0 mm x Rp 1/2	153 mm (5) 1518186	With cranked bracket.
	20 x 2.5 mm x Rp 1/2	153 mm (5) 1518187	
	16 x 2.0 mm x Rp 1/2	80 mm (5) 1518188	
	16 x 2.0 mm x Rp 1/2	100 mm (5) 1518189	
with wall mounted connection pieces, long model with sound insulation			
	16 x 2.0 mm x Rp 1/2	80 mm (5) 1518198	With cranked bracket.
	16 x 2.0 mm x Rp 1/2	100 mm (5) 1518199	
	16 x 2.0 mm x Rp 1/2	153 mm (5) 1518196	
	20 x 2.5 mm x Rp 1/2	153 mm (5) 1518197	
	Pressure test plug plastic, self sealing		For further information see "Technical information": 
	G 1/2 M	(50) 1506092	
	G 3/4 M	(50) 1506093	

Article	Packing unit	Article-No.	Hint
"Cofit PD" Press fittings designed not to seal in an uncompressed condition, bronze, stainless steel casing, for composition pipe "Copipe"			Universal application for heating and cooling systems and sanitary installations. Approval: DVGW Dimension 26: DVGW in preparation
	Press connection with male thread unplated		For valves with female threaded connection.
16	x 2.0 mm	x R 1/2 (10)	1532043
16	x 2.0 mm	x R 3/8 (10)	1532044
20	x 2.5 mm	x R 1/2 (10)	1532045
20	x 2.5 mm	x R 3/4 (10)	1532046
20	x 2.5 mm	x R 5/8 (10)	1532047
26	x 3.0 mm	x R 3/4 (5)	1532048
26	x 3.0 mm	x R 1 (5)	1532049
	Press connection with collar nut unplated		With flat seal. For instance for flat sealing Oventrop valves and fittings.
16	x 2.0 mm	x G 3/8 c/nut (10)	1532141
16	x 2.0 mm	x G 1/4 c/nut (10)	1532143
20	x 2.5 mm	x G 1/2 c/nut (10)	1532144
20	x 2.5 mm	x G 3/4 c/nut (10)	1532145
26	x 3.0 mm	x G 1 c/nut (5)	1532147
	Press connection with female thread		For changing over to different pipe material and for valves and fittings with male threaded connection for sealing.
16	x 2.0 mm	x Rp 1/2 (10)	1532243
20	x 2.5 mm	x Rp 1/2 (10)	1532245
20	x 2.5 mm	x Rp 3/4 (10)	1532246
26	x 3.0 mm	x Rp 3/4 (5)	1532247
26	x 3.0 mm	x Rp 1 (5)	1532248
	Press coupling		
16	x 2 mm	x 16 x 2 mm (10)	1532543
20	x 2.5 mm	x 20 x 2.5 mm (10)	1532545
26	x 3 mm	x 26 x 3 mm (5)	1532546
	Press reducing coupling		
20	x 16 mm	(10)	1532655
26	x 16 mm	(5)	1532656
26	x 20 mm	(5)	1532657
	Press connection coupling		For changing over from copper press systems and stainless steel press systems to composition pipe "Copipe". Not suitable for solder connection.
16	x 2.0 mm	x 10 mm (10)	1534041
16	x 2.0 mm	x 12 mm (10)	1534042
16	x 2.0 mm	x 14 mm (10)	1534040
16	x 2.0 mm	x 15 mm (10)	1534043
16	x 2.0 mm	x 16 mm (10)	1534044
20	x 2.5 mm	x 15 mm (10)	1534054
20	x 2.5 mm	x 18 mm (10)	1534045
20	x 2.5 mm	x 22 mm (10)	1534046
26	x 3.0 mm	x 22 mm (5)	1534047

Note: Fittings sized 32, 40, 50 and 63 mm on 25 and onwards!

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"Cofit PD" Press connection system
(bronze, pressing must be carried out to tighten the connection)
"Cofit PD" Press elbows

Article	Packing unit	Article-No.	Hint
"Cofit PD" Press elbows designed not to seal in an uncompressed condition, bronze, stainless steel casing, for composition pipe "Copipe"			Universal application for heating and cooling systems and sanitary installations. Approval: DVGW Dimension 26: DVGW in preparation
	Press connection elbow with male thread		Male thread for sealing according to EN 10226. For further information see "Technical information":
16	x 2.0 mm	x R 1/2	(10) 1532343
16	x 2.0 mm	x R 3/8	(10) 1532344
20	x 2.5 mm	x R 1/2	(10) 1532345
20	x 2.5 mm	x R 3/4	(10) 1532346
20	x 2.5 mm	x R 5/8	(10) 1532358
26	x 3.0 mm	x R 3/4	(5) 1532347
26	x 3.0 mm	x R 1	(5) 1532357
			
	Press connection elbow with female thread		Female thread for sealing according to EN 10226.
16	x 2.0 mm	x Rp 1/2	(10) 1532443
20	x 2.5 mm	x Rp 1/2	(10) 1532445
20	x 2.5 mm	x Rp 3/4	(10) 1532446
26	x 3.0 mm	x Rp 3/4	(5) 1532447
26	x 3.0 mm	x Rp 1	(5) 1532448
	Press angle pattern fitting with female thread		For instance for the connection of the composition pipe "Copipe" to hot water storage cylinders.
20	x 2.5 mm	x Rp 3/4	(5) 1532745
	Press connection elbow with collar nut		With flat seal. For instance for flat sealing Oventrop valves and fittings.
16	x 2.0 mm	x G 3/8 c/nut	(10) 1532751
16	x 2.0 mm	x G 1/2 c/nut	(10) 1532752
16	x 2.0 mm	x G 3/4 c/nut	(10) 1532753
20	x 2.5 mm	x G 3/4 c/nut	(10) 1532755
26	x 3.0 mm	x G 3/4 c/nut	(5) 1532757
	Press elbow 90°		
16	x 16 mm		(10) 1532843
20	x 20 mm		(10) 1532845
26	x 26 mm		(5) 1532847

Note: Fittings sized 32, 40, 50 and 63 mm on 25 and onwards!

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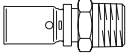
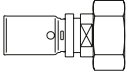
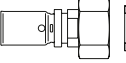
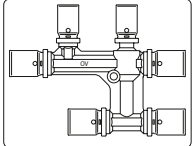
“Cofit PD” Press connection system (bronze, pressing must be carried out to tighten the connection) “Cofit PD” Press T-pieces

Article	Packing unit	Article-No.	Hint
"Cofit PD" Press T-pieces designed not to seal in an uncompressed condition, bronze, stainless steel casing, for composition pipe "Copipe"			Universal application for heating and cooling systems and sanitary installations. Approval: DVGW Dimension 26: DVGW in preparation For further information see "Technical information":
	Press T-piece		
	16 x 16 x 16 mm	(10) 1533043	
	20 x 20 x 20 mm	(10) 1533045	
	26 x 26 x 26 mm	(5) 1533046	
	Press T-piece, reduced central port		
	20 x 16 x 20 mm	(10) 1533155	
	26 x 16 x 26 mm	(5) 1533156	
	26 x 20 x 26 mm	(5) 1533157	
	Press T-piece, reduced straight port		
	20 x 20 x 16 mm	(10) 1533255	
	26 x 26 x 20 mm	(5) 1533257	
	Press T-piece, reduced central and straight port		
	20 x 16 x 16 mm	(10) 1533354	
	26 x 16 x 20 mm	(5) 1533356	
	26 x 20 x 20 mm	(5) 1533358	
	Press T-piece, enlarged central port		
	16 x 20 x 16 mm	(10) 1533454	
	20 x 26 x 20 mm	(5) 1533457	
	Press connection T-piece with female thread		Female thread for sealing according to DIN EN 10226.
	16 x Rp 1/2 x 16 mm	(10) 1533643	
	20 x Rp 1/2 x Rp 1/2	(10) 1533645	
	26 x Rp 1/2 x 26 mm	(5) 1533647	
	26 x Rp 3/4 x 26 mm	(5) 1533648	

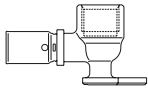
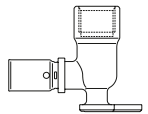

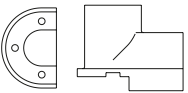
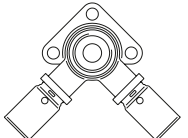
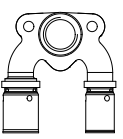
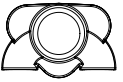
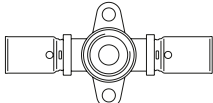
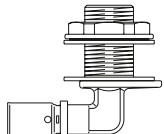
Note: Fittings sized 32, 40, 50 and 63 mm on 25 and onwards!

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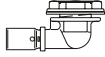
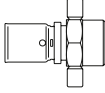

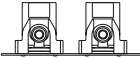




"Cofit PD" Press connection system (bronze, pressing must be carried out to tighten the connection) "Cofit PD" Press fittings

Article	Packing unit	Article-No.	Hint
"Cofit PD" Press fittings designed not to seal in an uncompressed condition, stainless steel casing, for composition pipe "Copipe"			Application: Central heating systems with circulation pump and cooling systems. Max. pressure and temperature: 10 bar, 95 °C
 Press connection with male thread brass resistant to dezincification, nickel plated			For valves and radiator lockshield valves "Combi 2, 3 and 4" as well as nickel plated valves and fittings with Rp 1/2 female thread of other manufacturers.
16	x 2.0 mm	x R 3/8 (10) 1532062	
16	x 2.0 mm	x R 1/2 (10) 1532063	
20	x 2.5 mm	x R 1/2 (10) 1532065	
 Press connection with collar nut brass resistant to dezincification, nickel plated			With spherical sealing surface. Metal to metal seal against tapered surface, for instance for Oventrop distributors/ collectors as well as valves and controls with compression connection G 3/4.
16	x 2.0 mm	x G 3/4 c/nut (10) 1532163	
20	x 2.5 mm	x G 3/4 c/nut (10) 1532165	
 brass resistant to dezincification, nickel plated			With flat seal. For instance flat sealing Oventrop valves and fittings.
16	x 2.0 mm	x G 3/8 c/nut (10) 1532171	
16	x 2.0 mm	x G 1/2 c/nut (10) 1532172	
20	x 2.5 mm	x G 1 c/nut (10) 1532173	
 Cross fitting with press connection brass, unplated			With insulation box.
16	x 16	x 16 mm 1534653	
20	x 16	x 16 mm 1534654	
20	x 16	x 20 mm 1534655	



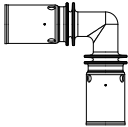
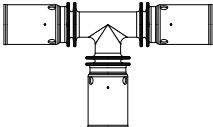
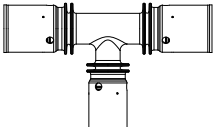
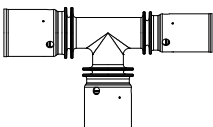
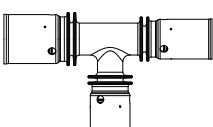
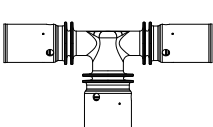
Note: Fittings sized 32, 40, 50 and 63 mm on 25 and onwards!

Article	Packing Article-No. unit	Hint
<p>Wall mounted connection pieces with press connection designed not to seal in an uncompressed condition, bronze, stainless steel casing, for composition pipe "Copipe"</p>		
<p style="text-align: right;">cooling systems and sanitary installations.</p>		
<p>Approval: DVGW Dimension 26: DVGW in preparation</p>		
<p>Fixing and insulating material available from specialist stores. For the connection of apparatus, valves and fittings.</p>		
	<p>Wall mounted connection piece with press connection, 90°, short model</p> <p>16 x 2.0 mm x Rp 1/2 (10) 1537053 20 x 2.5 mm x Rp 1/2 (10) 1537055 20 x 2.5 mm x Rp 3/4 (10) 1537056</p>	
	<p>Wall mounted connection piece with press connection, 90°, long model</p> <p>16 x 2.0 mm x Rp 1/2 (10) 1537043 20 x 2.5 mm x Rp 1/2 (10) 1537045</p>	<p>For further information see "Technical information":</p> 
	<p>Sound absorbing set</p> <p>(10) 1518070 (10) 1518074</p>	<p>For wall mounted connection pieces item no. 1517043/45. For wall mounted connection pieces item no. 1517053/55/56.</p>
	<p>Wall mounted connection piece with press connection, angle pattern</p> <p>16 x 16 mm x Rp 1/2 (10) 1537143 20 x 20 mm x Rp 1/2 (10) 1537145</p>	
	<p>Wall mounted connection piece with press connection, U-shape</p> <p>20 x 16 mm x Rp 1/2 (10) 1537146 26 x 20 mm x Rp 1/2 (10) 1537147 26 x 26 mm x Rp 1/2 (10) 1537148</p>	
	<p>Sound absorbing set for U-shaped wall mounting connection piece</p> <p>1539946 1539947</p>	<p>For wall mounted connection piece item no. 1537146. For wall mounted connection pieces item no. 1537147/ 48.</p>
	<p>Wall mounted connection piece with press connection, straight pattern</p> <p>16 x 16 mm x Rp 1/2 (10) 1537243 20 x 20 mm x Rp 1/2 (10) 1537245 16 x 16 mm x Rp 1/2 (10) 1537253 20 x 20 mm x Rp 1/2 (10) 1537255</p>	<p>For long model. For short model.</p>
	<p>Wall traverse with press connection, 90° with fixing set G 3/4</p> <p>16 x 2.0 mm x Rp 1/2 (10) 1537343 20 x 2.5 mm x Rp 1/2 (10) 1537345</p>	

Note: Fittings sized 32, 40, 50 and 63 mm on 25 and onwards!

	Article	Packing unit	Article-No.	Hint
	Flush-mounted elbow for cisterns with press connection with fixing set G $\frac{3}{4}$	16 x 2.0 mm x Rp $\frac{1}{2}$	(10) 1537443	
	Press connection with female thread with device against twisting	16 x 2.0 mm x Rp $\frac{1}{2}$ 20 x 2.5 mm x Rp $\frac{1}{2}$	(10) 1537643 (10) 1537645	For flush mounting, for instance for outdoor taps. For further information see "Technical information":
				
	Brackets with wall mounted connection pieces, short model and sound insulation	Wall mounted connection piece	Gauge for bore holes	
		16 x 2.0 mm x Rp $\frac{1}{2}$	80 mm (5) 1538184	
		16 x 2.0 mm x Rp $\frac{1}{2}$	100 mm (5) 1538185	With flat bracket.
		16 x 2.0 mm x Rp $\frac{1}{2}$	153 mm (5) 1538183	
		16 x 2.0 mm x Rp $\frac{1}{2}$	153 mm (5) 1538186	With cranked bracket.
		20 x 2.5 mm x Rp $\frac{1}{2}$	153 mm (5) 1538187	
		16 x 2.0 mm x Rp $\frac{1}{2}$	80 mm (5) 1538188	
		16 x 2.0 mm x Rp $\frac{1}{2}$	100 mm (5) 1538189	
	with wall mounted connection pieces, long model and sound insulation			With cranked bracket.
		16 x 2.0 mm x Rp $\frac{1}{2}$	80 mm (5) 1538198	For further information see "Technical information":
		16 x 2.0 mm x Rp $\frac{1}{2}$	100 mm (5) 1538199	
		16 x 2.0 mm x Rp $\frac{1}{2}$	153 mm (5) 1538196	
		20 x 2.5 mm x Rp $\frac{1}{2}$	153 mm (5) 1538197	

Note: Fittings sized 32, 40, 50 and 63 mm on 25 and onwards!

Article	Packing unit	Article-No.	Hint
<p>"Cofit PDK" Press fittings designed not to seal in an uncompressed condition, plastic (PPSU) stainless steel casing for composition pipe "Copipe"</p>			<p>Universal application for heating and cooling systems and sanitary installations.</p> <p>DVGW approval in preparation.</p>
<p>Press coupling</p>			
	16 x 2 mm	x 16 x 2 mm	(10) 1522543
	20 x 2.5 mm	x 20 x 2.5 mm	(10) 1522545
<p>Press reducing coupling</p>			
	20 x 16 mm		(10) 1522655
<p>Press elbow 90°</p>			
	16 x 16 mm		(10) 1522843
	20 x 20 mm		(10) 1522845
<p>Press T-piece</p>			
	16 x 16 x 16 mm		(10) 1523043
	20 x 20 x 20 mm		(10) 1523045
<p>Press T-piece, reduced central port</p>			
	20 x 16 x 20 mm		(10) 1523155
<p>Press T-piece, reduced straight port</p>			
	20 x 20 x 16 mm		(10) 1523255
<p>Press T-piece, reduced central and straight port</p>			
	20 x 16 x 16 mm		(10) 1523354
<p>Press T-piece, enlarged central port</p>			
	16 x 20 x 16 mm		(10) 1523454



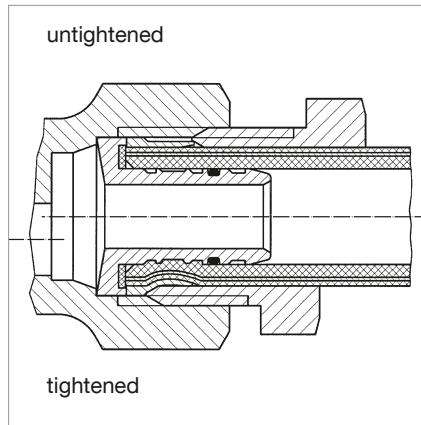
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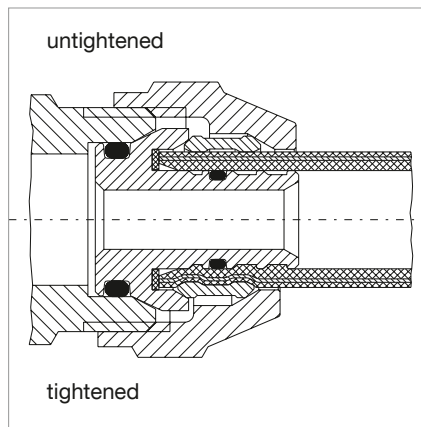
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The screwed fittings programme “Cofit S” is a connection system which was especially developed for the Oventrop composition pipe “Copipe”. It allows for the connection of Oventrop valves with male and female thread to the composition pipes. As all components coming into contact with water are made of bronze, universal application for heating and sanitary installations, rain water usage plants and industrial installations is possible.

The compression fittings “Cofit S” for valves with male threaded connection consists of an outlet, compression ring and collar nut. The tapered part of the outlet carries a first O-ring, i.e. there is not only the metal to metal seal between the taper and the valve, but an additional O-ring seal.

On the one hand, the tension force which is transmitted to the compression ring by tightening the collar nut, guarantees the tightness towards the pipe via the second O-ring of the outlet and on the other hand the resistance against tensile forces.

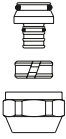
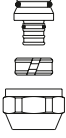
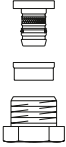




A PTFE ring on the outlet serves as element for galvanic separation and avoids bimetallic corrosion towards the aluminium core of the composition pipe. This compression fitting fulfils the high test demands of the DVGW work sheet W 534 for potable water systems and this is documented by the registration number DVGW DW-8501AT2407.

The compression fitting “Cofit S” for valves with female thread is equipped with a compression nut instead of a collar nut. The outlet has sharp edges towards the fitting. Tightness is guaranteed by the pressure produced by the compression nut.

Connection pieces and nipples made of bronze are available for valves into which the Oventrop compression fittings may not be inserted directly (for instance flat sealing male threaded valves or female threaded valves).

The notes in the installation instructions must be observed.

- 1** Compression fittings “Cofit S”
Female threaded connection, outlet made of bronze, compression ring made of brass, compression nut made of nickel plated or unplated brass
- 2** Cut illustration
Female threaded connection
- 3** Compression fittings “Cofit S”
Male threaded connection, outlet made of bronze, compression ring made of brass, collar nut made of nickel plated or unplated brass
- 4** Cut illustration
Male threaded connection
- 5** Connection pieces and nipples “Cofit S”
made of nickel plated or unplated brass

Article	Packing unit	Article-No.	Hint
"Cofit S" Compression fittings for G 3/4 male thread according to DIN EN 16313 (cone "Euro") DVGW reg. no. DW-8501AT2407			Universal application for heating and cooling systems and sanitary installations. For DVGW approved composition pipe "Copaque" and PE-X plastic pipes for the same dimension and same processing. Installation instructions are to be followed. For nickel plated valves, radiator lockshield valves and other valves and fittings with G 3/4 male thread, with tapered seal and O-ring seal.
Collar nut nickel plated			
	14 x 2.0 mm	x G 3/4 c/nut (10) 1507954	
	16 x 2.0 mm	x G 3/4 c/nut (10) 1507955	
	18 x 2.0 mm	x G 3/4 c/nut (10) 1507958	
	20 x 2.5 mm	x G 3/4 c/nut (10) 1507960	
Collar nut unplated			For distributors and fittings installed in risers and distributor pipes, with tapered seal and O-ring seal.
	14 x 2.0 mm	x G 3/4 c/nut (10) 1507974	
	16 x 2.0 mm	x G 3/4 c/nut (10) 1507975	
	20 x 2.5 mm	x G 3/4 c/nut (10) 1507980	
	26 x 3.0 mm	x G 1 c/nut (10) 1507983	
	32 x 3.0 mm	x G 1 1/4 c/nut (10) 1507985	
"Cofit S" Compression fittings, female thread outlet made of brass resistant to dezincification, brass compression ring, compression nut made of nickel plated brass			For Oventrop valves and radiator lockshield valves with female thread Rp 1/2 and compression ends. No sealing required. Not suitable for "Series RF".
	14 x 2.0 mm	x G 1/2 male (10) 1507354	
	16 x 2.0 mm	x G 1/2 male (10) 1507355	
"Cofit S" Nipples bronze			For the connection of composition pipes to valves and fittings with female thread according to EN 10226.
nickel plated			
	R 3/8 x G 3/4 male	(25) 1503161	
	R 1/2 x G 3/4 male	(25) 1503162	
	R 3/4 x G 3/4 male	(25) 1503164	
unplated DVGW reg. no. DW-8501AT2407			
	R 3/8 x G 3/4 male	(25) 1503151	
	R 1/2 x G 3/4 male	(25) 1503152	
	R 3/4 x G 1 male	(10) 1503155	
	R 1 x G 1 1/4 male	(10) 1503156	
	R 1 x G 1 male	(10) 1503157	
"Cofit S" Connection pieces DVGW reg. no. DW-8501AT2407 bronze with flat seal			For the connection of the composition pipe "Copaque" to valves and fittings with male thread.
	G 3/4 female	x G 3/4 male (25) 1503053	
	G 3/4 female	x G 3/4 male (25) 1503054	Award:  Pragothem, Prague
	G 1 female	x G 1 male (10) 1503055	
	G 1 1/4 female	x G 1 1/4 male (10) 1503056	

For further information see "Technical information":





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8

Screwed fittings are required for the installation of supply pipes for risers and floor to floor distribution.

Oventrop offers a wide-range programme which may be used in potable water and heating systems. This programme is made of the high quality material bronze and being a part of the “Combi-System”, it carries the DVGW registration number DW-8501AT2407.

The connections of these fittings have an inner taper as metal to metal sealing surface and a cylindrical sealing surface as O-ring seal which allows for the connection of the composition pipe - irrespective of its dimension - to screwed fittings by use of the corresponding compression fittings.

Copper, soft steel and plastic pipes can also be mounted to these screwed fittings by use of the corresponding compression fittings for male threaded connection with G ¾ collar nut.

- 1 Double nipple made of bronze
- 2 Connection piece made of bronze
- 3 T-piece made of bronze
- 4 T-bridging piece and T-piece made of bronze
- 5 Elbow 90° made of bronze
- 6 Connection elbow 90° made of bronze
- 7 Cross connection piece made of brass
- 8 Sanitary distributor “Multidis R” made of bronze

Article	Packing unit	Article-No.	Hint
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"Cofit S" Screwed fittings

DVGW reg. no. DW-8501AT2407
bronze
for floor to floor distribution and risers



Double nipple, bronze, unplated

G ¾ M	x G ¾ M	(25)	1504054
G 1 M	x G 1 M	(10)	1504055
G 1¼ M	x G 1¼ M	(10)	1504056

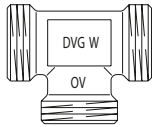
reduced

G 1 M	x G ¾ M	(10)	1504064
G 1¼ M	x G 1 M	(10)	1504065
G 1¼ M	x G ¾ M	(10)	1504066



Connection piece

G ¾ M	x Rp ½	(25)	1504153
G ¾ M	x Rp ¾	(25)	1504154
G 1 M	x Rp 1	(10)	1504155
G 1¼ M	x Rp 1¼	(10)	1504156



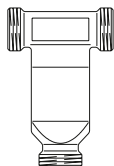
T pieces

with male thread

a	b	c		
G ¾	x G ¾	x G ¾	(10)	1504554
G 1	x G 1	x G 1	(10)	1504555
G 1¼	x G 1¼	x G 1¼	(5)	1504556

reduced

a	b	c		
G ¾	x G 1	x G ¾	(10)	1504552
G ¾	x G 1¼	x G ¾	(5)	1504553
G 1	x G ¾	x G ¾	(10)	1504565
G 1	x G ¾	x G 1	(10)	1504564
G 1	x G 1	x G ¾	(10)	1504563
G 1	x G 1¼	x G ¾	(5)	1504575
G 1	x G 1¼	x G 1	(5)	1504572
G 1¼	x G ¾	x G ¾	(5)	1504570
G 1¼	x G ¾	x G 1	(5)	1504574
G 1¼	x G ¾	x G 1¼	(5)	1504568
G 1¼	x G 1	x G ¾	(5)	1504573
G 1¼	x G 1	x G 1	(5)	1504567
G 1¼	x G 1	x G 1¼	(5)	1504566
G 1¼	x G 1¼	x G ¾	(5)	1504569
G 1¼	x G 1¼	x G 1	(5)	1504571



T-bridging piece with male thread

G ¾	x G ¾	x G ¾	(5)	1504754
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Universal application for heating and cooling systems and sanitary installations.

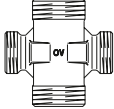


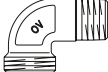
When using compression fittings with G ¾ collar nut, the screwed fittings are suitable for use on composition pipe, copper, precision steel and plastic pipes.

Tapered and cylindrical sealing surface for metal to metal and O-ring sealing.

To create junction points when using the T-piece, item no. 1504554.

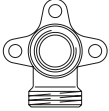

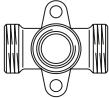
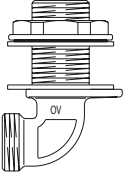
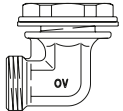
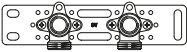

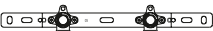




For further information see "Technical information":

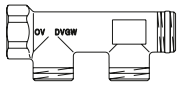
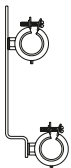
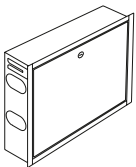

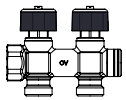
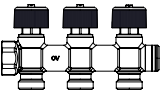
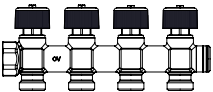




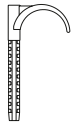
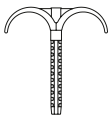
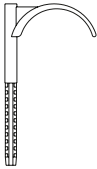


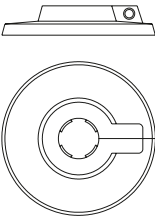

Article	Packing unit	Article-No.	Hint
Cross connection piece brass			
	G 1 x G 1 x G ¾ x G ¾	(10) 1505565	
	G 1¼ x G 1¼ x G ¾ x G ¾	(10) 1505566	
	G 1¼ x G 1 x G ¾ x G ¾	(10) 1505567	
Elbow 90°			
	G ¾ M x G ¾ M	(10) 1504454	
	G 1 M x G 1 M	(10) 1504455	
	G 1¼ M x G 1¼ M	(10) 1504456	
Connection elbow 90°			
	G ¾ M x Rp ½	(10) 1504353	To extend the sanitary distributor for one connection.
	G ¾ M x Rp ¾	(10) 1504354	
	G 1 M x Rp 1	(10) 1504355	
	G 1¼ M x Rp 1¼	(5) 1504356	
Connection elbow 90°			
	G ¾ M x R ½	(10) 1504363	For instance for the connection of the composition pipe “Copipe” to flush-mounted valves and fittings.

For further information see
"Technical information":



Article	Packing unit	Article-No.	Hint
"Cofit S" Wall mounted connection pieces DVGW reg. no. DW-8501AT2407 bronze			For the connection of apparatus, valves and fittings. Fixing and insulating material available from specialist stores.
Wall mounted connection piece			
	G ¾ M x Rp ½ (25) 1506053 G ¾ M x Rp ¾ (25) 1506054		
Wall mounted connection piece, angle pattern			
	G ¾ M x Rp ½ x G ¾ M (25) 1506153		
Wall mounted connection piece, straight pattern			
	G ¾ M x Rp ½ x G ¾ M (25) 1506253		
Wall traverse 90° with fixing set G ¾			
	G ¾ M x Rp ½ (5) 1506553		
Flush-mounted elbow for cisterns with fixing set G ¾			
	G ¾ M x Rp ½ (10) 1506653		
"Cofit S" Brackets with wall mounted connection pieces			
Wall mounted connection piece Gauge for bore holes			
	G ¾ M x Rp ½ 80 mm (10) 1506073		With flat bracket.
	G ¾ M x Rp ½ 100 mm (10) 1506075		With flat bracket.
	G ¾ M x Rp ½ 80 mm (10) 1506176		With cranked bracket.
	G ¾ M x Rp ½ 100 mm (10) 1506177		
	G ¾ M x Rp ½ 153 mm (10) 1506178		
Pressure test plug plastic, self sealing			For further information see "Technical information":
	G ½ M (50) 1506092 G ¾ M (50) 1506093		

Article	Packing unit	Article-No.	Hint
 <p>"Multidis R" Sanitary distributor bronze, self sealing</p>	(2)	4200453	Tapered sealing surface for metal to metal and O-ring sealing. To be used in combination with "Cofit S" and "Ofix" compression fittings as well as "Cofit P" press connections with collar nut and spherical sealing surface.
Accessories			
Cap G 3/4 female thread (not illustr.)		1400692	To close outlets not in use.
 <p>Bracket steel, galvanised</p>	(10)	4201071	Bracket with mounting clip. For mounting the sanitary distributor into the cabinet or onto the wall. Sound-absorbing as per DIN 4109.
 <p>Cabinets - flush mounting steel, galvanised frame and doors white lacquered removable screen</p>			Depth: 110-145 mm Height: 350 mm
Inner width: 400 mm		4201081	For distributors with 6 outlets without water meter or distributors with 3 outlets with water meter.
Inner width: 600 mm		4201082	For distributors with 10 outlets without water meter or distributors with 7 outlets with water meter.
 <p>Connection elbow 90° G 3/4 male thread x Rp 3/4</p>	(10)	1504354	To extend the sanitary distributor for one connection.
<p>"Multidis R" Sanitary distributor with isolating facility bronze, without dead zone, self-sealing G 3/4 x G 3/4</p>			Application: Potable water installations PN 10 Max. water temperature: 90 °C
 <p>2-fold</p>		4200552	Completely pre-assembled and leak tested unit. Complete pipe section made of bronze, one-piece casted.
 <p>3-fold</p>		4200553	Connections: Female thread according to EN 10226-1 Male thread according to DIN ISO 228, flat sealing
 <p>4-fold</p>		4200554	Tapered sealing surface for metal to metal and O-ring sealing. To be used in combination with "Cofit S" and "Ofix" compression fittings as well as "Cofit P" press connections with collar nut and spherical sealing surface.
Accessories			
 <p>Replacement bonnet</p>		4200590	
 <p>Bracket, small steel, galvanised</p>	(10)	4200571	Bracket with mounting clip. For mounting the sanitary distributor with isolating facility into the cabinet or onto the wall.

Article	Packing unit	Article-No.	Hint
Fixing material for pipes			To fix the pipework on concrete flooring.
		Single dowel hook plastic	
for pipes with an outer diameter of up to 32 mm	(50)	1509091	
		Double dowel hook plastic	
for pipes with an outer diameter of up to 32 mm	(50)	1509092	
		Single dowel hook "Maxi" plastic	To fix insulated pipework on concrete flooring. No allowance for insulating material required.
for insulated pipes with an outer diameter of up to 55 mm	(50)	1509093	
		Single pipe clip plastic	With thread M 6. To fix the pipework on the wall.
for pipes with an outer diameter of			
14 mm	(100)	1509151	
16 mm	(100)	1509152	
20 mm	(100)	1509153	
Accessories for pipes			
		Protective tube made of LDPE	For protecting the pipe - at junction points of screed joints according to DIN EN 1264-4 / DIN 18560 T 2 - at the entry points when set in concrete - at the exit points when set in concrete Only sold in units of 20 protective tubes per bag.
Length: 300 mm, slotted, for 14, 16 and 17 mm pipes	(20)	1501184	
		Single rosette cover plastic	Outer diameter of the covers: 56 mm
for pipes with an outer diameter of			
14 mm		1509661	
16 mm		1509662	
		Distance between pipe centres 50 mm Perforation	
12 mm	(25)	1016671	
14 mm	(25)	1016672	
15 mm	(25)	1016673	
16 mm	(25)	1016674	
18 mm	(25)	1016675	

Composition pipe “Copipe”

The composition pipe “Copipe” is cut to the required length at a right angle to the centre line with the help of the Oventrop pipe cutter or pipe shears, item no. 1509580, 1509589 or 1509567.

Calibrate the pipe end and debur the inner plastic layer at the same time.

14-32 mm:

using the Oventrop universal tool, item no. 1509594 or 1509596

40 mm:

using the Oventrop universal tool, item no. 1519593 or the Oventrop smoothing tool, item no. 1519595 and handgrip, item no. 1519596

50 mm:

using the Oventrop universal tool, item no. 1519598

63 mm:

using the Oventrop universal tool, item no. 1519599

When using a universal tool, chose the calibrating and deburring mandrel suitable for the pipe dimension, insert fully into the pipe whilst twisting the tool clockwise.

When using the smoothing tool, turn it clockwise whilst introducing it into the pipe as far as it will go. Rotate all tools for at least a further half turn.

Remove the tool from the pipe and any shavings will be pulled out automatically. The tools have to be cleaned after each smoothing or deburring operation. Please observe the operating instructions. Check that the pipe end is clean and accurately deburred.

Press connection system “Cofit P/PD/PDK”

Push the pipe under slight pressure onto the press fitting “Cofit P/PD/PDK” as far as it will go. Check through the viewer of the stainless steel casing or the 1-2 mm slit between the fitting and the casing which was pushed onto the pipe before (40 mm).

16-32 mm:

Position the press bits integrated in the Oventrop press machine at a right angle. The guiding elements encircle the collar of the press fitting “Cofit P/PD/PDK”.

40 mm:

Lay the Oventrop press sling around the pipe. It must be ensured that the casing is located between the guiding elements. The press sling is fixed at the press fitting “Cofit P/PD” by one guiding element. Lock press sling. Place the auxiliary bits integrated in the press machine into the press sling.

50 mm:

Position the press bits integrated in the Oventrop press machine onto the casing at a right angle and set against the body of the fitting.

63 mm:

Open the press chain of the pressing device, lay it around the casing, press it against the body of the fitting and engage it into the auxiliary bits. Fit the pressing device to the press machine. Carry out pressing. The press bits or the pressing device must be closed completely. Please observe the operating instructions

Leakage test:

Please ensure that all standard leakage tests are carried out.

Screwed connection system “Cofit S”

Fit the compression fittings for male or female threaded connection according to the drawing (see package insert).

Care must be taken that the O-rings on the outlet are not damaged or pushed out of the groove.

Push the composition pipe onto the outlet as far as it will go. Tighten the collar nut or compression nut with an appropriate tool (14, 16, 18 and 20 mm approx. 40 - 50 Nm, 26 and 32 mm approx. 80 - 90 Nm). The compression fitting must only be used once.

Leakage test:

Please ensure that all standard leakage tests are carried out.

Further information can be found in the Oventrop catalogue "Products", in the technical data sheets as well as on the internet, product range 13.

Subject to technical modifications without notice.

Private persons may purchase our products from their qualified installer.

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