



# **PRINETO® / LATENTO® / PRIPRESS®**

## Price List

# Highlights

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## **NEW!** **PRIPRESS** Radial press-system

innovative and easy to install.

For more details please see page 14–15.

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## **NEW!** **PRINETO** hook-and-loop system

surface heating installation tool-free and fast.

For more details please see page 8–9.

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## **PRINETO** Pipe system

Safety and hygiene – life-long.

- Cuphin for lead-free DHW installations
- PPSU – the economic alternative

For more details please see page 4–5.

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## **NEW!** Wireless room temperature control **WEB**

Intelligent single room control of the future.

For more details please see page 6–7.

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## **PRINETO** Skirting radiators

Elegant solution for dry walls.

For more details please see page 12–13.

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## **LATENTO** all-year solar systems

- Efficiency for especially high solar yields
- Compact, handy and easy to install

For more details please see page 16–17.



IVT

The image shows a technical drawing of a radiator pipe. The pipe is shown in a perspective view, with the 'IVT' logo clearly visible on its side. The drawing is rendered in black lines on a white background, showing the cylindrical shape of the pipe and the flared end on the right.

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This price list is valid from June 2017. On its publication, the previous price list loses its validity. Prices are gross prices plus VAT. Tool prices are net prices plus VAT. You can receive binding conditions and discounts from your sales representative. Delivery and billing will be carried out in accordance with the General Terms and Conditions which you are familiar with and which are printed at the end of this list.

Subject to error and alterations.

## Notes / own favorites



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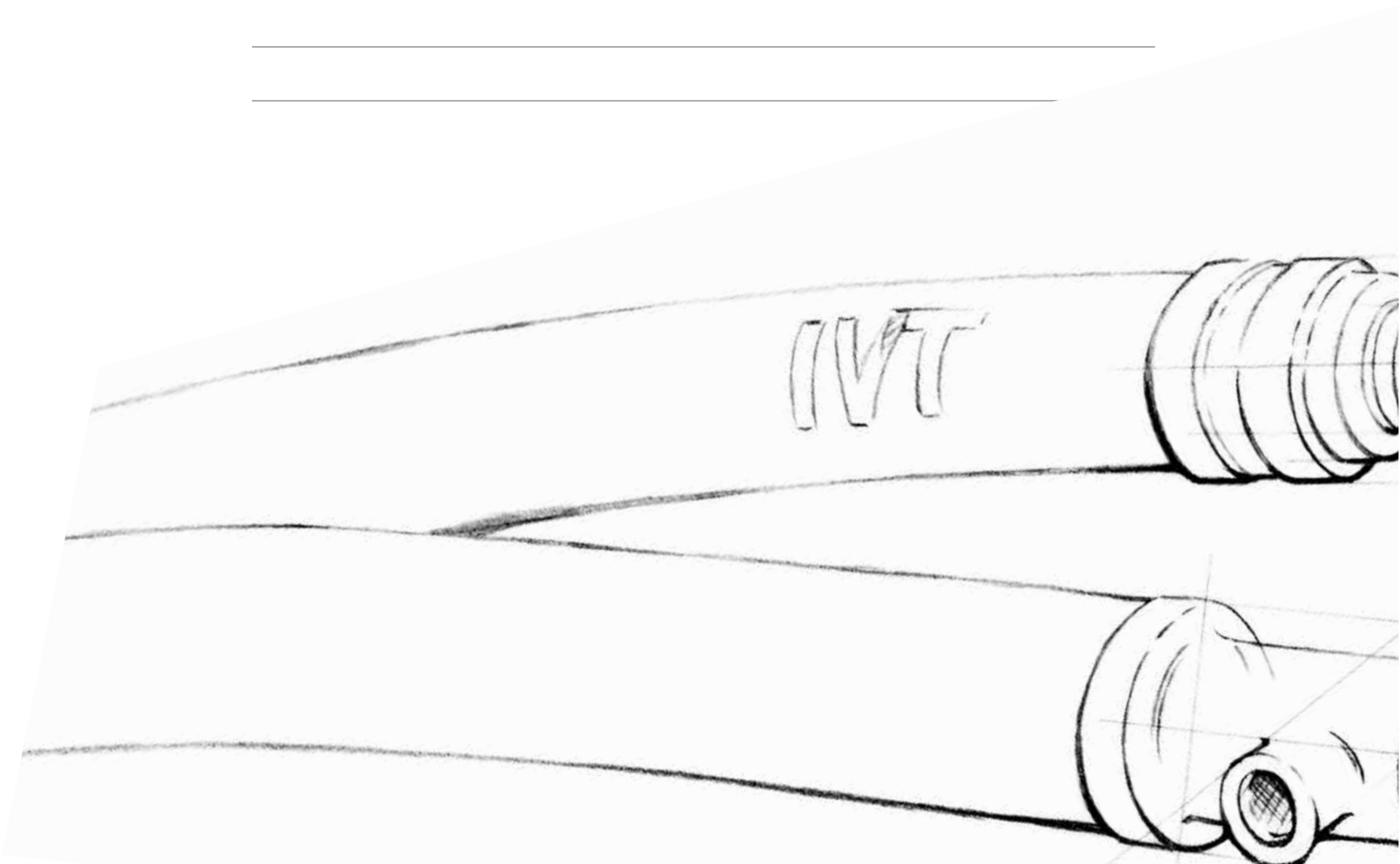
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# IVT - Individual solutions directly from the manufacturer

Many years of experience in production at the highest level guarantee you, our estimated customers, constant quality on the basis of current standards and approvals. IVT is capable of developing individual requirements and products jointly with the customer, standardize them and produce them at a constantly high level. Test us!

## IVT – Innovation, Trust, Technology

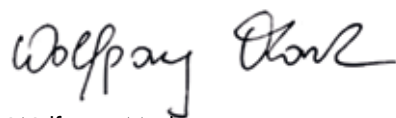
Dear Customers,

This is how we want to be and this is what we stand for. Innovation in processes, products and systems. New solutions and concepts to offer our customers true added value, facilitate work processes and create sustainable benefits. Test us and challenge our field service.

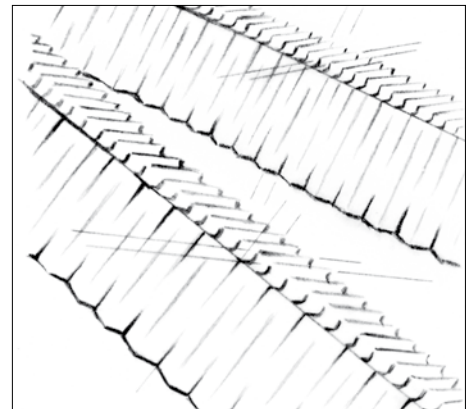
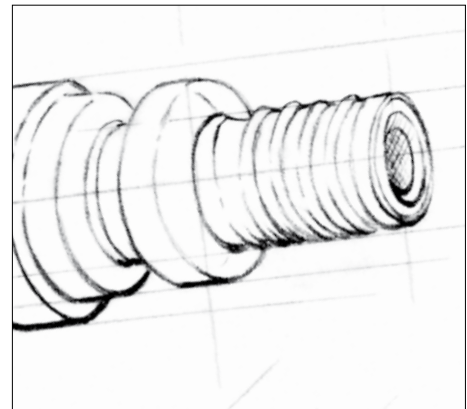
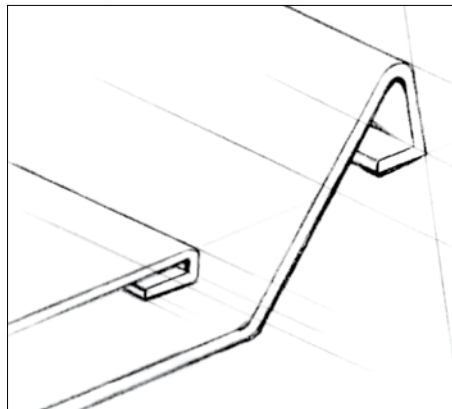
Trust is not created by words but by actions. For more than 20 years, we have been successfully operating on the market, proving on a day-to-day basis that we keep our promises and are simultaneously always looking for better solutions and concepts.

Clean and consistent technology is the basis of all our products. Everything we offer and sell must work, be practical and suitable for everyday use. Our specialist field service consultants will always be glad to advise and support you whenever you decide to purchase one of our various new products.

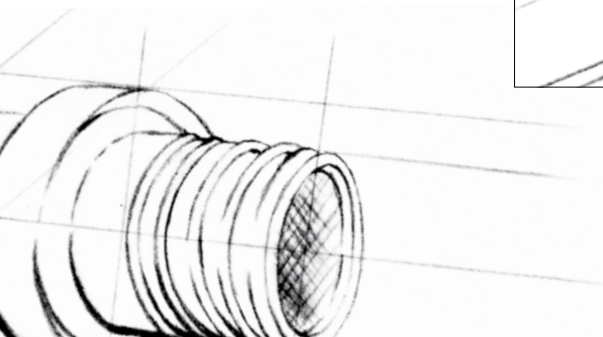
We thank you for the good business relationship and wish you all the best in future.



Wolfgang Mark  
Managing Director



Ingrid Zürn and Wolfgang Mark, Managing Director of IVT GmbH & Co. KG.



# IVT professional partner for plumbing and heating

Product quality and customer service

1



2



## Professional and individual consulting, which makes the difference.

As one of the alliance companies within the globally successful Würth Group, we have made a name for ourselves with innovative solutions in the fields of plumbing, heating and cooling systems as well as solar thermal systems. The modern production facilities of IVT, with its headquarter in Rohr near Nuremberg, afford the realization of our innovative product range. Our company philosophy aims at the achievement of innovations on a demanding technical level – for the benefit and satisfaction of our customers.

National as well as international clients enjoy the offer of the various services. We are providing different delivery options no matter whether you would like to have your goods either to be dispatched by train, sea or air or to be packed in cartons, on pallets or loaded in containers. We organize your personal delivery in coordination of economical and ecological aspects along with your individual requirements.

Our team of qualified and professional specialists supports your project planning and offer on-site instruction as well as product and application training on site.

Customer orientation is our main priority. Based on this ideology, our skilled specialists are pleased to answer questions you may have about **PRINETO**, **NANOTEC** and **LATENTO** at any time – on site, by phone, fax or e-mail. Give us a try!

### IVT – Overview:

- Subsidiary of the global Würth Group
- Modern production facilities in Germany
- On-site instruction and support
- Product and application training on site
- Planning support for large-scale buildings through our own expert planners, and support for specialist planners and architects through a specially trained planner support team
- Numerous patents and new developments

# New materials for healthy and safe drinking water installation

**PRINETO** system for drinking water installation

1





## Fit for the future.

CW 617N has been chosen as the new material for **PRINETO** standard brass Fitting program. The Fittings are tinn-plated in silver which comply with the coming Drinking Water Directive on the basis of DIN 50930-6. Through this material upgrade, the safety and hygiene of the drinking water piping system has been enhanced.

## 100% lead-free.

Fitting program, made of Cuphin, has been rounded off up to Dimension 32 with immediate 100% availability. Due to the special characters of Cuphin (complete lead-free, dezincification-resistant and tension-crack-corrosion resistant), two main causes (dezincification & tension-crack-corrosion) of joint damage can be avoided from onset, even when the drinking water composition is corrosive.

### Summary of improvements:

- Standard Fitting programm 14-63mm upgraded with tinn-plated CW 617N(Color: Silver)
- Enhancement of Cuphin Fitting program, up to dimension 32, meets the requirements of 100% lead-free (Color:Gold) and a new Fitting-program of the high-end polymer material PPSU
- Same sliding sleeves and tools, all Fittings combinable
- Efficient pipe connector made of high-performance plastic material PPSU

Standard fittings from page 37.

Cuphin-Fittings from page 52.

PPSU polymer fitting program from page 76



# Intelligent individual room control of the future

Wireless room temperature control **WEB**

1

**NEW!**



Intelligent heating controller with  
EZR Manager.

## Maximum comfort – simple handling.

With the PRINETO wireless RTC **WEB** we are presenting a new, universal individual room control system with complete equipment for heating and cooling applications. Numerous inputs and outputs as well as measuring, control and regulation functions guarantee optimum, energy-efficient interaction with external devices and systems. The main area of application for the system is single and multiple family houses, functional and administration buildings as well as hotels and schools with central management requirements.

The base station is integrated in the home network via the optional Ethernet interface. The software interface of the EZR Manager permits convenient access to all system settings and functions via PC, laptop or smartphone with the system in service – making room-by-room operation, programming, set-up and status monitoring child's play.

The LC display with its simple symbols is easy to read from any position. Operation and navigation are by means of the rotary button with high-quality turnpush mechanism and precisely dynamic detent, familiar from the automotive sector.

The main area of application for the system is single and multiple family houses, functional and administration buildings as well as hotels and schools with central management requirements.

### Characteristics at a glance:

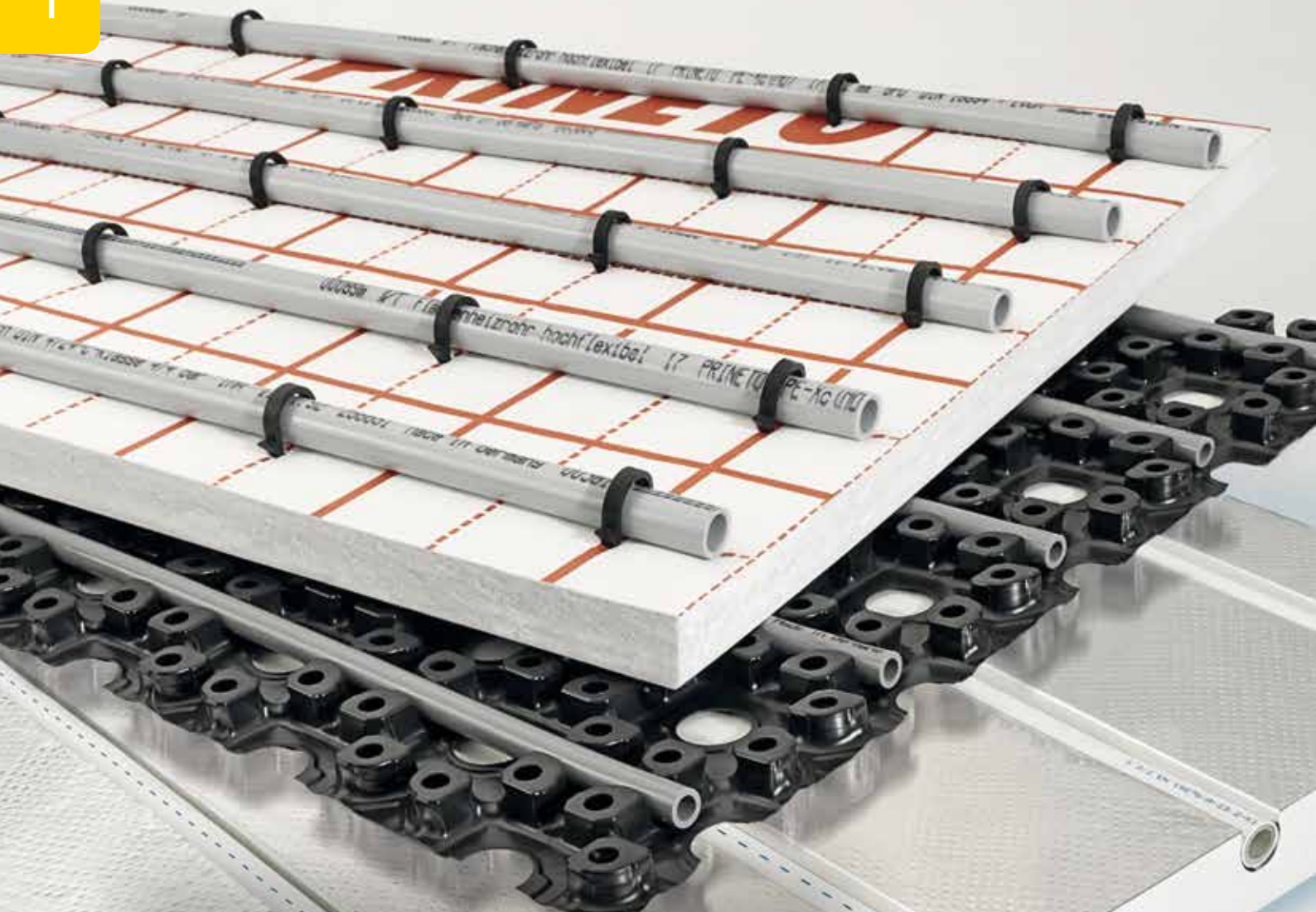
- Smart Home ready: Integration via XML-interface in home network
- All-in-one: Complete equipment for all requirements
- Different control algorithms can be set per heating zone
- Perfect interplay of control systems over several storeys through serial bus (syBUS) or 868 MHz wireless technology
- Multi-storey solution – pairing of up to 7 base stations wirelessly and / or by bus
- MicroSD card slot for system upgrade and uploading system parameters
- Intelligent regulation saves energy up to 20% energy
- Remote servicing and remote diagnostics option
- Control option via PC or smartphone

For prices see page 117.

# One system for diverse applications

**PRINETO** surface heating & cooling systems

1



Fast, simple and tool-free

**PRINETO** hook-and-loop system for 1-person-  
installation

**NEW!**



A system leaves nothing to be desired.

With **PRINETO** surface heating & cooling program, we are providing you a full range of insulation elements and surface heating & cooling pipes.

All pipes in this segment are oxygen impervious acc. to DIN 4724 and 4726. Besides the PE-X HD (cross-linked polyethylene, high density) pipes, as alternative, we also offer you the PE-X MD pipes (cross-linked polyethylene, middle density) which is more comfortable for handling. As far as the flexibility and low-cost concerned, the new PE-S MD pipes and Multilayer composite pipe Stabil 16 x 2,0 leave nothing to be desired.

Our new hook-and-loop surface heating system makes the installation a child's play and saves up to 30% working time and generates 50% more efficiency by a 1-person-installation.

There is a separate Fitting program developed for these pipes, eg. fittings for connection to manifolds. With the leak-proof sliding sleeves, the odd pieces of pipes still can be used and embedded in the concrete.

#### Highlights:

- PE-MD S (self cross-linked) pipe
- 100% Oxygen impervious **NANOFLEX** pipe
- Practical hook-and-loop system
- Unique: Self-adhesive tacker foil
- Thin-bed system with installation height 22 mm
- Transition with Euro-cone guarantee safe connection to manifolds

**NEW!**

**PRINETO** a surface heating system leaves nothing to be desired.

Price see page 95.

Practical for on-site work

**PRINETO** system tools

1



## Easy, Fast & Safe.

**PRINETO** system tools have been developed for the durable use on-site and guarantee easy, fast and safe installation.

To work on the dimension 12 to 32, the choice can be made between manual tools and electro tools. For dimension 40 onwards the electro tools are Must-have's.

NEW: Tool case MWSP (Manual sliding and widening plier, art.-no. 878800630) allow you to work dimensions 14-32 completely, in other words to widen the pipes and press the connections with only one non-powered tool. Our new compact cordless tools stand out on account of their optimum handiness and particularly long battery life thanks to modern lithium-ion batteries. For numerous pressing operations with little time or physical effort required.

### All our highlights at a glance:

- Developed together with users and tested for long-term use on site
- Fast and easy to handle
- Manual, non-powered tools up to dimension 32
- New mechanical widening and sliding pliers for the fast and straightforward widening and pressing of connections without having to change tools
- New compact cordless tools with lithium-ion high-performance batteries for especially long battery life and a high degree of working comfort
- Compact parallel sliding pliers for particularly „tight“ installation situations

Price see page 129.

# The elegant solution for dry walls

**PRINETO** skirting radiators

1





Warm and dry walls for a pleasant and healthy room climate.

IVT skirting radiators provide a natural radiant heat which people feel very comfortable and pleasant thanks to the advantages against conventional heating such as radiators and convectors. The skirting radiators bring the heat evenly onto a larger scale of surface, for instance on the wall or on the ceiling which prevents the surface from mold formation. Furthermore, through the low temperature principle, skirting radiators give a better indoor climate as well.

The skirting radiators are not only being installed in the new buildings but also serving as elegant solution for refurbishment and restoration. The applications in museums and historical monuments are excellent references.

#### Advantages:

- Pleasant radiant heat
- Low exposure to micro-dust
- Quickly adjustable through heat-circuit distributor system
- Low energy consumption compared to radiator heaters
- Low water volume in the heating elements
- Prevent from condensation and mold formation
- Every room temperature

Price see page 148.



Fast, direct, safe

**PRIPRESS** radial-press installation system

1



**NEW!**

## The innovation for a time-saving installation

The new **PRIPRESS** radial pressing system from IVT stands out on account of its especially easy and quick fitting: Unlike other commercially available systems, no deburring or calibration are necessary when a **PRIPRESS** pipe connection is produced, which means time-savings of up to 30% are possible during laying.

Simply cut the pipe to length, insert it in the connector, check and press – done! If pressing should be forgotten, you will recognise this reliably during the pressure test since the connection is not watertight when not pressed. This ensures optimum safety during installation.

## Easy and safe.

The **PRIPRESS** connection can be processed using many standard pressing tools (contours TH, H, U\*). There is usually no need to purchase new tools. The **PRIPRESS** fitting is made of a brass alloy with a positive evaluation from the German Federal Environment Agency (UBA). The **PRIPRESS** universal composite pipe and the connection have been tested and approved in accordance with DVGW/ÖVGW.

### Advantages at a glance:

- Pressing with standard pressing jaws (contours TH, H, U\*)
- Not watertight when not pressed
- No calibration and deburring necessary
- Viewing window in the pressing sleeve for checking – marking of the insertion depth not necessary
- Protected internal O-rings
- Universal system for heating and sanitary installations
- Composite pipes PE-RT/AL/PE-RT 16 x 2.0 to 32 x 3.0
- Brass alloy approved by the German Federal Environment Agency (UBA)
- DVGW / ÖVGW approved

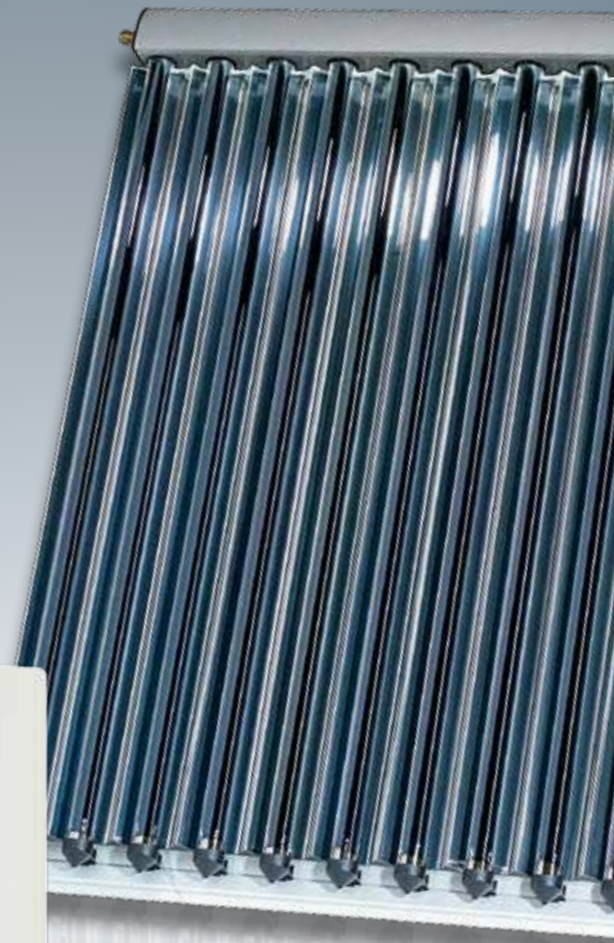
Price see page 153.

\*Dimension 16 and 20

# Efficiency for remarkable high solar yields

**LATENTO** all-year-round solar systems

1





## Free solar heat – all year round.

Regenerative, climate-friendly and free of charge: There is no question about it that the sun is one of energy sources for the future. No matter for hot water preparation, living room heating or for preheating of swimming pool, solar energy always plays an important role. It is most important that the fossil fuels will be replaced by solar energy not only in summer but also in transition season and during winter days when there is less sun shine. **LATENTO** all-year-round solar system sets the new standard in using solar energy. **LATENTO** system distinguishes itself through its high output of solar energy and low heat loss also in transition season and winter which presents the highest efficiency by maximum using sun energy throughout the whole year.

## As simple as a smart phone

Our new self-explanatory solar controllers offer everything a thermal solar system requires for secure and long-lasting operating.

### Advantages:

- Unpressurised storage tank
- Corrosion-free
- „Turbo-storage“ through Latent material
- Compact design and easy to handle
- High efficient solar vacuum tube collector
- User-friendly solar controllers

Price see page 163.

# 24/7 IT All-rounder

Mentoring and Service

1

**Mentoring:** Our team of qualified and professional specialists supports your project planning as product and application training.



**Delivery-Service:** Your goods can be dispatched by truck, train, sea or air. The consignment will be optimized according to your personal favor.



## Mentoring and Service.

*MENTORING.* Our clients enjoy the benefits of individual customer care, so the word mentoring implies literally what it is meant to. We take care of your personal needs and provide optimal offers.

Our team of qualified and professional specialists supports your project planning and offers you assistance at commissioning as well as product and application training.

We love and live on innovations. Please visit us at the exhibitions around the globe!

Your individual advisor is pleased to answer questions for **PRINETO**, **NANOTEC** and **LATENTO** systems at any time. You can reach them on site, by phone, fax or e-mail.

*SERVICE.* Based on the national and international activities of IVT, we offer a great diversity of delivery options.

Your goods can be dispatched by truck, train, sea or air. The consignment will be optimized according to your personal favor. In addition to this, you may decide among the possibilities of transporting the products in cartons, on pallets or loaded in containers. We organize your delivery by considering economic and ecological aspects to achieve the highest satisfaction of our customers.



Based on the national and international activities of IVT, we offer a great diversity of delivery options.

# IVT Delivery service



**DEUTSCHER LOGISTIK-PREIS**  
2009  
(Würth-Gruppe)

1

## Germany

Order intake mo. to fr. until 5 pm		
Delivery by next workday (Mo. to Fr.)		Price €/consignment
Standard	during the day, before 6 pm	basic price: 13,10
On request	before 12 am	plus 8,60
On request	before 10 am	plus 16,50
On request	before 9 am	plus 29,80

## Austria

Order intake Mo. bis Thu. until 3 pm, Fr. until 12 am		
Delivery by next workday (Mo. to Fr.)		Price €/delivery
Standard	during the day before 5 pm	ground price: 13,10
On request	before 12 am	plus 8,60

Convenient ordering with the new IVT online ordering tool and the smartphone app..

We are pleased to introduce the new IVT online ordering tool, giving you a further ordering option.

[www.ivt-rohr.de/shop](http://www.ivt-rohr.de/shop)  
[www.ivt-rohr.de/app](http://www.ivt-rohr.de/app)



Phone D: +49 (0) 98 76/97 86-40 Fax: +49 (0) 98 76/97 86-49  
E-Mail: [info@ivt-group.com](mailto:info@ivt-group.com)





## 2. **PRINETO** Price list



**PRINETO** Price list

Pipes / sleeves	p. 23
Cuphin fittings	p. 37
Drinking water installation parts	p. 52
Heating installation parts	p. 70
Polymer fitting program PPSU	p. 76
Heating installation parts	p. 79
Surface heating / cooling installation parts	p. 95
Surface heating Regulation	p. 117
Industrial surface heating/thermal component activation	p. 123
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## Pipes sleeves

**PRINETO** pipes are exclusively manufactured of polyethylene and thus guarantee a high level of resistance to ageing and a tight and durable seal without the need for additional sealants such as o-rings.

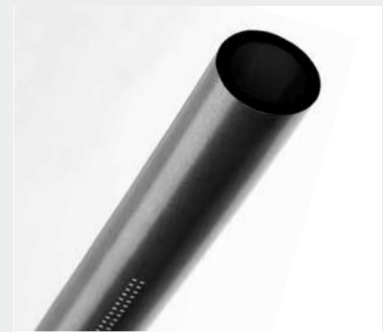
**PRINETO** pipes are available in dimensions from 14 mm to 63 mm outer diameter (DN 10-50).

**PRINETO** Stabil multilayer pipes and the new Nanoflex pipes are completely oxygen-tight.

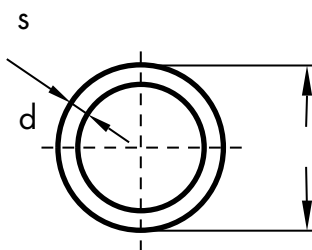
**PRINETO** heating pipes (red) are oxygen-tight in accordance with DIN 4726. The **PRINETO** drinking water pipes have been microbiologically examined and approved in accordance with the DVGW working sheet W 270 and are toxicologically and physiologically harmless. The manufacture of individual pipe measurements and bundle lengths in the industrial range for deliveries in excess of 20,000 m can be arranged on request.

### Highlights of **PRINETO** pipes:

- corrosion-resistant
- Nanoflex: the first completely oxygen-tight PE-X pipe in the world, protected by patent, extremely flexible and very easily worked
- flexible and rigid pipes can both be worked with the same type of fittings
- pipes and sliding sleeves connecting technology up to 63 mm outer diameter
- symmetrical sliding sleeve – can be fitted from both sides



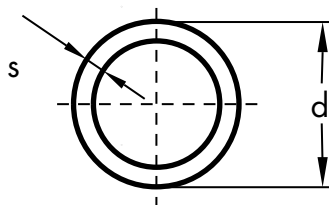
## PRINETO Nanoflex universal pipe



Flexible universal pipe for plumbing and heating systems with 100 % oxygentight and UV-resistant Nano-metal surface, cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with EN ISO 15875-2, DVGW, ÖVGW and other country approvals, clamped with brass sliding sleeve, bundle.  
Colour: stainless steel

Description	d mm	s mm	DN	Weight m/pce	Art.-no.	Pack qty	€/m
Nanoflex 16 bundle 120 m	16	2,2	12	0,098	878 110 100	120	2,35
Nanoflex 20 bundle 120 m	20	2,8	15	0,153	878 110 200	120	3,55
Nanoflex 25 bundle 50 m	25	3,5	20	0,238	878 110 300	50	5,20
Nanoflex 32 bundle 25 m	32	4,4	25	0,382	878 110 400	25	7,85

## PRINETO Nanoflex heating pipe\*

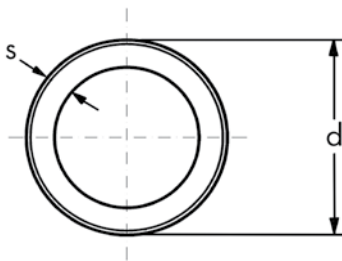


Flexible heating pipe with 100 % oxygen-tight and UV-resistant Nano-metal surface, cross-linked polyethylene PE-X in accordance with DIN 16892/16893, application classes 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class C in accordance with EN ISO 15875-2, clamped with brass sliding sleeve, bundle.  
Colour: stainless steel

Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Nanoflex heating pipe 14	14	2,0	10	0,086	878 110 080	120	2,10
Nanoflex heating pipe 14	14	2,0	10	0,086	878 110 081	240	2,10

\*Discontinued item. As long as stock lasts!

## PRINETO Stabil multilayer pipe



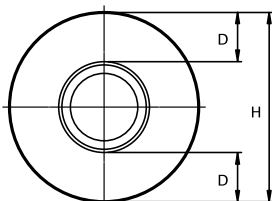
Multilayer composite pipe, approved in accordance with DVGW worksheet W 542, basic pipe of cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2 (16–32), with aluminium foil laser butt-welded and outer PE cover, oxygen-tight in accordance with DIN 4726, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, ÖVGW and other country approvals, clamped with nickel-plated sliding sleeve, Stabil 14 with brass-coloured sliding sleeve.  
Colour: white

Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Stabil pipe 14 bundle*	14	2,0	10	0,126	878 520 080	100	2,90
Stabil pipe 16 bundle	17	2,8	12	0,144	878 520 100	100	3,20
Stabil pipe 16 4 m rod	17	2,8	12	0,144	878 620 100	120	3,70
Stabil pipe 20 bundle	21	3,4	15	0,211	878 520 200	100	4,70
Stabil pipe 20 4 m rod	21	3,4	15	0,211	878 620 200	80	5,20
Stabil pipe 25 bundle	26	4,0	20	0,308	878 520 300	50	7,85
Stabil pipe 25 4 m rod	26	4,0	20	0,308	878 620 300	60	8,40
Stabil pipe 32 4 m rod	33	4,9	25	0,477	878 620 400	36	13,00
Stabil pipe 40 4 m rod	42	4,6	32	0,625	878 620 500	20	22,65
Stabil pipe 50 4 m rod	52	5,65	40	1,000	878 620 600	12	31,20
Stabil pipe 63 4 m rod	63	6,0	50	1,375	878 620 700	4	49,60

2

PRINETO Price list

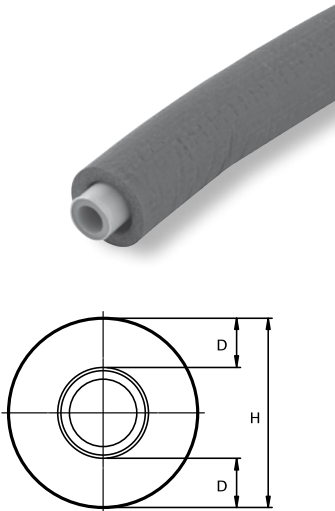
## PRINETO Stabil multilayer pipe, with concentric insulation 5 mm and 9 mm



Multilayer composite pipe, with concentric insulation in accordance with DIN 1988 or EnEV, approved in accordance with DVGW worksheet W 542, basic pipe of cross-linked polyethylene PE-X in accordance with DIN 16892/16893, pipe series S 3.2, with aluminium foil laser butt-welded and outer PE cover, oxygen-tight in accordance with DIN 4726, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, ÖVGW and other country approvals, clamped with nickel-plated sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle 50 m.  
Colour of pipe: white  
Colour of insulation 5 mm: blue  
Colour of insulation 9 mm: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Stabil pipe 16, 5 mm	29	5	12	0,170	878 528 105	50	5,20
Stabil pipe 20, 5 mm	32	5	15	0,240	878 528 205	50	7,00
Stabil pipe 25, 5 mm	37	5	20	0,340	878 528 305	50	10,40
Stabil pipe 16, 9 mm	37	9	12	0,170	878 528 109	50	6,00
Stabil pipe 20, 9 mm	40	9	15	0,250	878 528 209	50	7,75
Stabil pipe 25, 9 mm	45	9	20	0,356	878 528 309	50	11,30

## PRINETO Stabil multilayer pipe, with concentric insulation 50 and 100 %



Multilayer composite pipe, with concentric insulation in accordance with DIN 1988 or EnEV, approved in accordance with DVGW worksheet W 542, basic pipe of cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2, with aluminium foil laser butt-welded and outer PE cover, oxygen-tight in accordance with DIN 4726, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, ÖVGW and other country approvals, clamped with nickel-plated sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle.

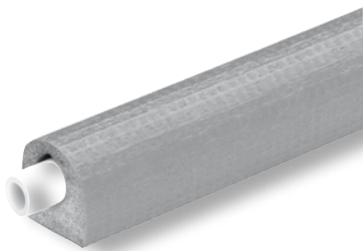
Colour of pipe: white

Colour of insulation 50%: blue

Colour of insulation 100%: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Stabil pipe 16, 50%	43	13	12	0,146	878 528 113	50	7,00
Stabil pipe 20, 50%	46	13	15	0,250	878 528 213	50	8,30
Stabil pipe 25, 50%	51	13	20	0,376	878 528 313	50	11,70
Stabil pipe, 100%	69	26	12	0,268	878 528 126	25	8,10
Stabil pipe, 100%	72	26	15	0,362	878 528 226	25	10,00
Stabil pipe, 100%	77	26	20	0,462	878 528 326	25	13,40

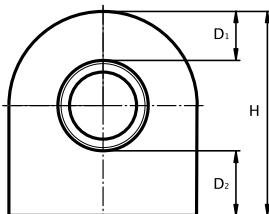
## PRINETO Stabil multilayer pipe, with eccentric insulation 50 and 100 %



Multilayer composite pipe, with eccentric insulation in accordance with EnEV, approved in accordance with DVGW worksheet W 542, basic pipe of cross-linked polyethylene PE-X in accordance with DIN 16892/16893 pipe series S 3.2, with aluminium foil laser butt-welded and outer PE cover, oxygen-tight in accordance with DIN 4726, application classes 1, 4 and 5 in accordance with DIN EN ISO 15875-1, ÖVGW and other country approvals, clamped with nickel-plated sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle.

Colour of pipe: white

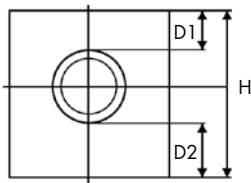
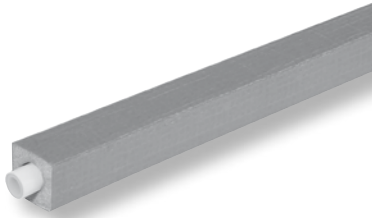
Colour of insulation: blue



Description	H mm	D <sub>1</sub> mm	D <sub>2</sub> mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Stabil pipe 16, 50%	38	5	13	12	0,140	878 528 150	50	8,10
Stabil pipe 20, 50%	42	5	13	15	0,250	878 528 250	50	10,30
Stabil pipe 25, 50%	51	5	13	20	0,375	878 528 350	50	11,90
Stabil pipe 16, 100%	54	7	26	12	0,220	878 528 100	50	8,50
Stabil pipe 20, 100%	62	7	26	15	0,280	878 528 200	50	10,50
Stabil pipe 25, 100%	62	7	26	20	0,386	878 528 300	25	14,20

## PRINETO Surface heating pipe Stabil 16x2,0 square insulated 7 mm and 100 %

**NEU!**



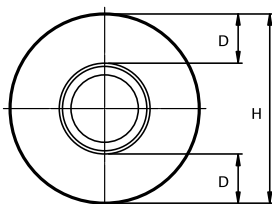
Multilayer composite pipe PE-S/Al/PE-RT, square insulated in accordance with EnEV – attachment 5, table 1, line 7 (for pipelines in floor construction between heated rooms of different users), inliner of self cross-linking polyethylene, oxygen-tight due to aluminium foil, outer cover made of polyethylene with increased temperature resistance for use in area heating according to application class 4, clamped with brass-coloured sliding sleeve 16 on fittings 16x2,0, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin.  
 Colour of pipe: blue grey  
 Colour of insulation: red

2

PRINETO Price list

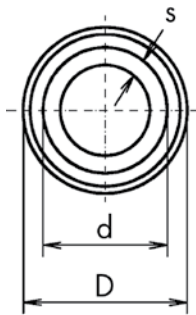
Description	H mm	D <sub>1</sub> mm	D <sub>2</sub> mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
SH pipe Stabil 16, square insulated 7 mm	34	7	7	12	0,173	878 528 151	50	6,00
SH pipe Stabil 20, square insulated 7 mm	38	7	7	15	0,241	878 528 251	50	7,40
SH pipe Stabil 25, square insulated 7 mm	44	7	7	20	0,347	878 528 351	50	9,55
SH pipe Stabil 16, square insulated 100 %	55	9	27	12	0,229	878 528 101	25	7,95
SH pipe Stabil 20, square insulated 100 %	59	9	27	15	0,303	878 528 201	25	9,45
SH pipe Stabil 20, square insulated 100 %	65	9	26	20	0,446	878 528 301	25	11,60

## PRINETO PE-X plumbing pipe, with concentric insulation



Plumbing pipe, with concentric insulation in accordance with DIN 1988 or EnEV, cross-linked polyethylene PE-X in accordance with DIN 16892/16893, pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application class 1 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, ÖVGW and other country approvals. Clamped with brass sliding sleeve, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin, bundle.  
 Colour of pipe: black  
 Colour of insulation: blue  
 Colour of insulation 100%: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Plumbing pipe 16, 5 mm	28	5	12	0,170	878 518 105	50	4,40
Plumbing pipe 20, 5 mm	30	5	15	0,240	878 518 205	50	5,60
Plumbing pipe 16, 50%	42	13	12	0,146	878 518 100	50	6,80
Plumbing pipe 20, 50%	46	13	15	0,207	878 518 200	50	8,30
Plumbing pipe 16, 100%	68	26	12	0,268	878 518 126	25	7,20
Plumbing pipe 20, 100%	72	26	15	0,362	878 518 226	25	8,80

**PRINETO** PE-X plumbing pipe in pipe

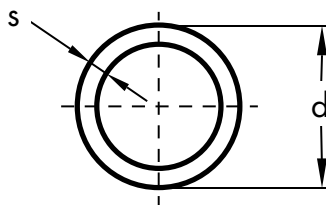
Interior pipe (water-conveying): cross-linked polyethylene PE-X in accordance with DIN 16892/16893, pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application class 1 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, ÖVGW and other country approvals. Clamped with brass sliding sleeve, bundle.

Colour: black

Outer pipe: corrugated pipe 20/24 of PE

Colour: black

Description	D mm	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Plumbing pipe 16 in pipe	25	16	2,2	12	0,173	878 619 100	50	3,80
Plumbing pipe 20 in pipe	29	20	2,8	15	0,245	878 619 200	50	5,30

**PRINETO** PE-X plumbing pipe

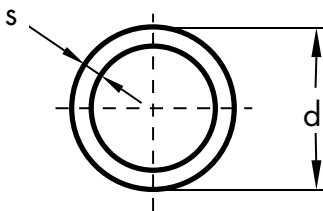
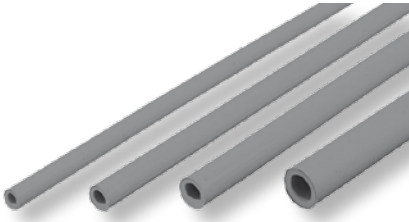
Cross-linked polyethylene PE-X in accordance with DIN 16892/16893, pipe series S 3.2, approved in accordance with DVGW worksheet W 544, application class 1 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, ÖVGW and other country approvals, clamped with brass sliding sleeve.

Colour: black

Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Plumbing pipe 16 bundle	16	2,2	12	0,098	878 510 100	100	2,35
Plumbing pipe 16 4 m rod	16	2,2	12	0,098	878 610 100	160	2,35
Plumbing pipe 20 bundle	20	2,8	15	0,153	878 510 200	100	3,45
Plumbing pipe 20 4 m rod	20	2,8	15	0,153	878 610 200	100	3,45
Plumbing pipe 25 bundle	25	3,5	20	0,238	878 510 300	50	5,70
Plumbing pipe 25 4 m rod	25	3,5	20	0,238	878 610 300	60	5,70
Plumbing pipe 32 bundle	32	4,4	25	0,382	878 510 400	25	7,75
Plumbing pipe 32 4 m rod	32	4,4	25	0,382	878 610 400	40	7,75



## PRINETO PE-X heating pipe



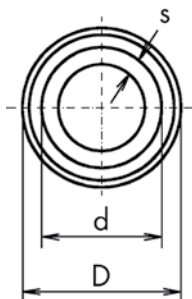
Cross-linked polyethylene PE-X in accordance with DIN 16892, pipe series S 3.2 with EVOH sheathing, oxygen-tight in accordance with DIN 4726, application classes 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, clamped with brass sliding sleeve.  
Colour: red

Description	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Heating pipe 16 bundle	16	2,2	12	0,098	878 310 100	120	2,35
Heating pipe 16 4 m rod	16	2,2	12	0,098	878 410 100	160	2,35
Heating pipe 20 bundle	20	2,8	15	0,153	878 310 200	120	3,45
Heating pipe 20 4 m rod	20	2,8	15	0,153	878 410 200	100	3,45
Heating pipe 25 bundle	25	3,5	20	0,238	878 310 300	50	5,70
Heating pipe 25 4 m rod	25	3,5	20	0,238	878 410 300	60	5,70
Heating pipe 32 bundle	32	4,4	25	0,382	878 310 400	25	7,75
Heating pipe 32 4 m rod	32	4,4	25	0,382	878 410 400	40	8,10

2

PRINETO Price list

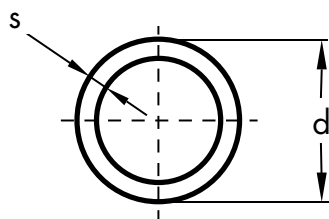
## PRINETO PE-X heating pipe in pipe



Interior pipe (water-conveying): cross-linked polyethylene PE-X in accordance with DIN 16892, pipe series S 3.2 with EVOH sheathing, oxygen-tight in accordance with DIN 4726, application classes 4 and 5 in accordance with DIN EN ISO 15875-1, dimension class A in accordance with DIN EN ISO 15875-2, clamped with brass sliding sleeve, bundle.  
Colour: red

Outer pipe: corrugated pipe 20/24 of PE  
Colour: black

Description	D mm	d mm	s mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Heating pipe 16 in pipe	25	16	2,2	12	0,173	878 319 100	50	3,80
Heating pipe 20 in pipe	29	20	2,8	15	0,245	878 319 200	50	5,30

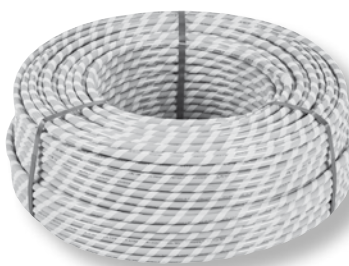
**PRINETO** PE-X surface heating pipe

Cross-linked polyethylene PE-X in accordance with DIN 16892, with EVOH sheathing, oxygen-tight in accordance with DIN 4726, application class 4 in accordance with DIN EN ISO 15875-1, dimension class C in accordance with DIN EN ISO 15875-2, clamped with nickel-plated sliding sleeve 16, bundle. Colour: medium grey

Pipe bundle measurements

Dimension	OD (mm)	ID (mm)	Bundbreite (mm)
17 x 2,0 240 m	800	480	245
17 x 2,0 600 m	850	500	541
<b>NEW!</b> 20 x 2,0 20 m	860	450	246

Description	d mm	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
Surface heating pipe PE-X 17	17	2,0	0,104	878 311 151	240	1,45
Surface heating pipe PE-X 17	17	2,0	0,104	878 311 152	600	1,45
<b>NEW!</b> Surface heating pipe PE-X 20	20	2,0	0,120	878 311 161	240	1,80

**PRINETO** hook-and-loop surface heating pipe, highly flexible, self cross-linking**NEW!**

PE-MD (MD-Xb S), self cross-linking polyethylene following DIN 16894, with EVOH sheathing, oxygen-tight following DIN 4724, application class 4 following DIN 4724, dimension class C following DIN 4724, bundle, with hook-and-loop tape for tool-free laying on **PRINETO** hook-and-loop insulation, bundle.

Colour: light grey, Colour tape: white

Description	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
Hook-and-loop pipe PE-MDX S 17	2,0	0,104	878 311 551	240	2,10
Hook-and-loop pipe PE-MDX S 17	2,0	0,104	878 311 552	600	2,10

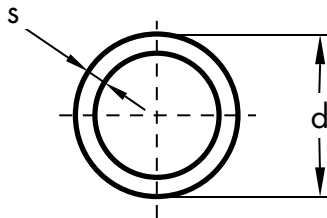
**NEW!**

## PRINETO PE-HD S surface heating pipe, highly flexible, self cross-linking



PE-HDS (HD-Xb S), self cross-linking polyethylene following DIN 16892, with EVOH sheathing, oxygen-tight following DIN 4726, application class 4 following EN ISO 15875-1, dimension class C (12, 14, 17, 20) or A (25) following EN ISO 15875-2, bundle.  
Colour: light grey

Dim. 12, 14, 20, 25 clamped with brass sliding sleeve, Dim. 17 clamped with nickelplated sliding sleeve 16.



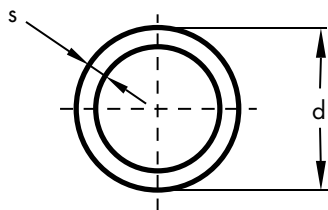
### Pipe bundle measurements

Dimension	OD (mm)	ID (mm)	Bundle breadth (mm)
12 x 2,0 120 m	670	470	120
12 x 2,0 480 m	780	500	350
14 x 2,0 240 m	800	540	190
14 x 2,0 600 m	800	480	400
17 x 2,0 120 m	800	550	158
17 x 2,0 240 m	800	480	245
17 x 2,0 600 m	850	500	541
20 x 2,0 240 m	860	450	246
20 x 2,0 400 m	830	520	520
25 x 2,3 240 m	840	480	560

Description	d mm	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
Surface heating pipe PE-HD S 12	12	2,0	0,067	878 311 320	120	1,20
Surface heating pipe PE-HD S 12	12	2,0	0,067	878 311 322	480	1,20
Surface heating pipe PE-HD S 14	14	2,0	0,086	878 311 331	240	1,25
Surface heating pipe PE-HD S 14	14	2,0	0,086	878 311 332	600	1,25
Surface heating pipe PE-HD S 17	17	2,0	0,104	878 311 350	120	1,25
Surface heating pipe PE-HD S 17	17	2,0	0,104	878 311 351	240	1,25
Surface heating pipe PE-HD S 17	17	2,0	0,104	878 311 352	600	1,25
Surface heating pipe PE-HD S 20	20	2,0	0,120	878 311 371	240	1,50
Surface heating pipe PE-HD S 20	20	2,0	0,120	878 311 372	400	1,50
Surface heating pipe PE-HD S 25	25	2,3	0,177	878 311 381	240	2,20

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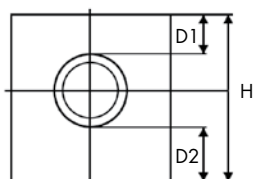
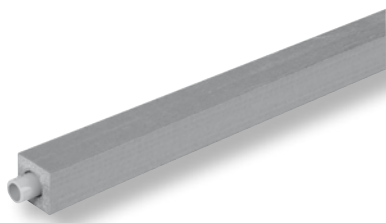
PRINETO Price list

**NEW!****PRINETO** Surface heating pipe PE-RT 17 x 2,0

Polyethylene with increased temperature resistance PE-RT Typ II acc. to EN ISO 22391-2 with EVOH sheathing, oxygen-tight in accordance with DIN 4724, according to application class 4, in accordance with DIN EN ISO 22391-2, clamped with nickel-plated sliding sleeve 16/17, bundle. Colour: silver grey

Dimension	AD (mm)	ID (mm)	Bundle breadth (mm)
17 x 2,0 240 m	800	480	245
17 x 2,0 600 m	850	500	541

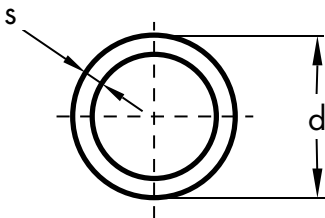
Description	d mm	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
Surface heating pipe PE-RT	17	2,0	0,104	878 311 651	240	0,90
Surface heating pipe PE-RT	17	2,0	0,104	878 311 652	600	0,90

**PRINETO** Surface heating pipe 17x2,0, highly flexible, square insulated

Surface heating pipe, with square insulation in accordance with EnEV – attachment 5, table 1, line 7 (for pipelines in floor construction between heated rooms of different users), cross-linked polyethylene PE-MDX in accordance with DIN 16894, with EVOH sheathing, oxygen-tight in accordance with DIN 4724, application classes 4 in accordance with DIN 4724, dimension class C in accordance with DIN 4724, clamped with nickel-plated sliding sleeve 16/17, enclosed by closed-cell polyethelene (WLG 040) with tough PE outer skin. Colour of pipe: light grey, colour of insulation: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
Surface heating pipe 17, highly flexible, square ins.	34	7	7	0,140	878 318 253	50	4,05

## PRINETO Stable area heating pipe 16 x 2,0



**PRINETO** Stable area heating pipe 16 x 2,0, multi layer composite pipe PE-S/Al/PE-RT. inliner of self-networking polyethelene, by means of aluminium sleeving oxygen selaed, cover layer made of polyethylene with increased temperature resistance for use in area heating according to application class 4, press with brass coloured sliding sleeve 16 on fittings 16 x 2,0#

Color: blue grey

Pipe bundle measurements

Dimension	AD (mm)	ID (mm)	Bundle breadth (mm)
16 x 2,0 100 m	720	450	140
16 x 2,0 200 m	750	450	220
16 x 2,0 400 m	800	400	320

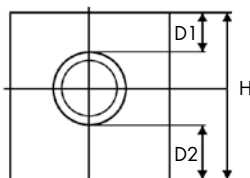
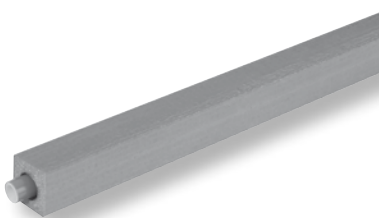
Description	d mm	s mm	Weight kg/m	Art.-no.	Pack qty	€/m
Surface heating stabil	16	2,0	0,144	878 311 440	100	1,70
Surface heating stabil	16	2,0	0,144	878 311 441	200	1,70
Surface heating stabil	16	2,0	0,144	878 311 442	400	1,70

2

PRINETO Price list

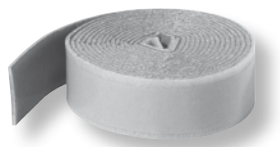
## PRINETO Surface heating pipe Stabil 16x2,0 square insulated

**NEW!**



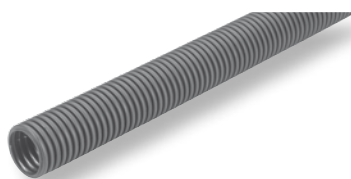
Multilayer composite pipe PE-S/Al/PE-RT, square insulated in accordance with EnEV – attachment 5, table 1, line 7 (for pipelines in floor construction between heated rooms of different users), inliner of self cross-linking polyethylene, oxygen-tight due to aluminium foil, outer cover made of polyethylene with increased temperature resistance for use in area heating according to application class 4, clamped with brass-coloured sliding sleeve 16 on fittings 16x2,0, enclosed by closed-cell polyethylene (WLG 040) with tough PE outer skin. Colour of pipe: blue grey, colour of insulation: red

Description	H mm	D mm	DN	Weight kg/m	Art.-no.	Pack qty	€/m
PRINETO surface heating pipe Stabil 16x2,0 square insulated	34	7	7	0,146	878 318 443	50	4,40

**PRINETO** Pipe insulation tape

For sticking over the fixings of pre-insulated floor-laid pipes, for insulation of impact sound between pipe fixture and screed in accordance with the VFA Vienna. Material: soft PE foam, length 5 m, width 50 mm, thickness 4.5 mm

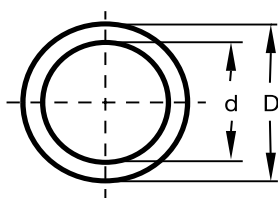
Description	b mm	h mm	Weight kg/pc.	Art.-no.	Pack qty m	€/pc.
Pipe insulation tape	50	4,5	0,098	878 681 900	5	12,90

**PRINETO** Corrugated pipe

**PRINETO** corrugated pipe for **PRINETO** pipes of the dimensions 16, 17 (corrugated pipe 20) and 20 (corrugated pipe 24) or as electric cable conduit.

Colour: black

Material: Polyethylene



Description	D mm	d mm	Weight kg/pc.	Art.-no.	Pack qty	€/m
Corrugated pipe 20	25	20	0,062	878 317 100	25	1,10
Corrugated pipe 24	29	24	0,072	878 317 200	50	1,30

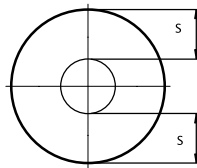
**PRINETO** Lubricating cream for sliding sleeves

Processing aid for reducing the sliding resistance during connection, Strength saving up to 50%. Particularly tested for sliding PPSU-Fittings, approved by DVGW, acc.to DIN EN 751-2 Arp and DIN 30660. Also certified by ÖVGW(Austria), SVGW(Switzerland) and DG (Denmark). Processing: lubricate the cream evenly and thinly onto the inner surface of the sliding sleeve

Description	Weight kg/piece	Art.-no.	Pack qty	€/Stk.
Lubricating cream for sliding sleeves	0,200	878 530 998	1	6,35

## PRINETO Fire prevention and heat insulating shell Rockwool 800\*

Rock wool insulating shell for Nanoflex, plumbing, heating or Stabil multilayer pipes, for hot and cold pipes, insulation in accordance with DIN 1988 or EnEV, for use in rescue and escape routes (minimum insulation 30 mm), in combination with a „solid tube“ for ceiling and wall ducts of the fire resistance class R 60, R 90 or R 120 according to ABZ No., with grid-reinforced aluminium lamination as a vapour diffusion barrier and self-adhesive aluminium foil overlap, slit in two half-shells for easy fitting on the pipe, material class A2, fire resistance class R 30, thermal conductivity 0.035 W/mK, melting point >1000°C.



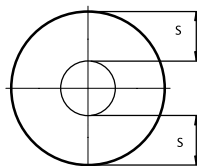
Description	s mm	l/ Stk.	Weight kg/pc.	Art.-no.	Pack qty m	€/pc.
R 800 for Stabil pipe 14	20	1 m	0,220	878 386 250	48	on request
R 800 for PE-X and Stabil pipe 16	20	1 m	0,240	878 386 251	42	on request
R 800 for PE-X and Stabil pipe 20	20	1 m	0,260	878 386 252	36	on request
R 800 for PE-X and Stabil pipe 25	20	1 m	0,300	878 386 253	30	on request
R 800 for PE-X and Stabil pipe 32	20	1 m	0,350	878 386 254	25	on request
R 800 for Stabil pipe 40	20	1 m	0,390	878 386 255	20	on request
R 800 for Stabil pipe 40	30	1 m	0,680	878 386 256	12	on request
R 800 for Stabil pipe 50	20	1 m	0,700	878 386 257	16	on request
R 800 for Stabil pipe 50	30	1 m	1,100	878 386 258	10	on request
R 800 for Stabil pipe 63	20	1 m	0,780	878 386 259	12	on request
R 800 for Stabil pipe 63	30	1 m	1,130	878 386 260	9	on request

**\*Notes:**

Prices, delivery times and further insulation material thicknesses on request

## PRINETO Fire prevention insulating shell Conlit 150 U\*\*

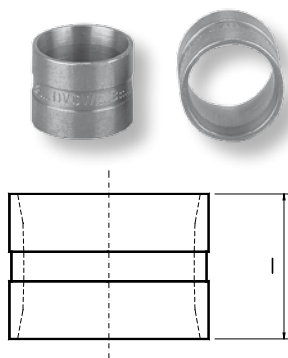
Rock wool insulating shell for wall and ceiling bushings R 30 to R 120 for Nanoflex, plumbing, heating and Stabil multilayer pipes in accordance with ABP P-3726/4140-MPA BS, for hot and cold pipes, insulation at least 50% in accordance with EnEV, with grid-reinforced aluminium lamination as a vapour diffusion barrier and self-adhesive aluminium foil overlap, slit in two halfshells for easy fitting on the pipe, material class A2, thermal conductivity 0.040 W/mK, melting point >1000°C.



Description	s mm	l/ Stk.	Weight kg/pc.	Art.-no.	Pack qty m	€/pc.
Conlit 150 U for Stabil multilayer pipe 14	23	1 m	0,440	878 386 261	42	on request
Conlit 150 U for Stabil multilayer pipe 16	21,5	1 m	0,430	878 386 262	42	on request
Conlit 150 U for Stabil multilayer pipe 20	19,5	1 m	0,410	878 386 263	42	on request
Conlit 150 U for Stabil multilayer pipe 25	17	1 m	0,380	878 386 264	42	on request
Conlit 150 U for Stabil multilayer pipe 32	23	1 m	0,670	878 386 265	20	on request
Conlit 150 U for Stabil multilayer pipe 40	19	1 m	0,600	878 386 266	20	on request
Conlit 150 U for Stabil multilayer pipe 50	23,5	1 m	0,990	878 386 267	14	on request
Conlit 150 U for Stabil multilayer pipe 63	33,5	1 m	1,680	878 386 268	9	on request
Conlit 150 U for PE-X pipe 16	22	1 m	0,430	878 386 269	42	on request
Conlit 150 U for PE-X pipe 20	20	1 m	0,410	878 386 270	42	on request
Conlit 150 U for PE-X Pipe 25	17,5	1 m	0,390	878 386 271	42	on request
Conlit 150 U for PE-X Pipe 32	24	1 m	0,700	878 386 272	20	on request

**\*Notes:**

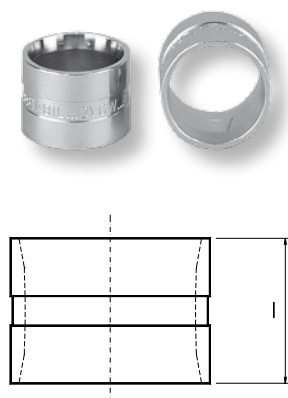
Prices, delivery times and further insulation material thicknesses on request

**PRINETO** Sliding sleeve for PE-X pipe

For making sliding sleeve connections, can be applied to both sides, for plumbing, heating and Nanoflex pipes.

Material: brass, tempered, colour: bright brass

Description	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Sleeve PE-X 16	15	0,012	878 530 100	100	0,85
Sleeve PE-X 20 x 2,8/2,0	18	0,019	878 530 200	100	1,00
Sleeve PE-X 25 x 3,5/2,3	22	0,030	878 530 300	100	1,40
Sleeve PE-X 32	27	0,054	878 530 400	50	2,35

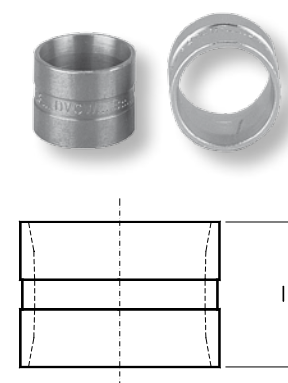
**PRINETO** Sliding sleeve for Stabil multilayer pipe

For making sliding sleeve connections, can be applied to both sides, for Stabil multi-layer pipes.

Material: brass, tempered

Colour: nickel-plated (sleeve 14: bright brass)

Description	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Sleeve 14	15	0,010	878 530 090	100	0,90
Sleeve 14	15	0,010	878 530 091	25	0,90
Sleeve Stabil 16/17 x 2,0	15	0,014	878 539 100	100	1,00
Sleeve Stabil 20	18	0,022	878 539 200	100	1,30
Sleeve Stabil 25	22	0,040	878 539 300	100	1,60
Sleeve Stabil 32	27	0,060	878 539 400	50	2,50
Sleeve Stabil 40	32	0,092	878 539 500	10	5,05
Sleeve Stabil 50	36	0,140	878 539 600	10	8,70
Sleeve Stabil 63	39	0,293	878 539 700	10	12,80

**PRINETO** Sliding sleeve for surface heating pipe

For making sliding sleeve connections, can be applied to both sides, for surface heating pipes. Material: brass, tempered,

for pipes 17 x 2.0, colour: nickel plated,

for pipes 12 x 2.0, 14 x 2.0, 20 x 2.0, 25 x 2.3, colour: bright brass

Description	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Sleeve 12	15	0,070	878 530 080	25	1,00
Sleeve 14	15	0,010	878 530 090	100	0,90
Sleeve 14	15	0,010	878 530 091	25	0,90
Sleeve Stabil 16/17 x 2,0	15	0,012	878 539 100	100	1,00
Sleeve PE-X 20 x 2,8/2,0	18	0,019	878 530 200	100	1,00
Sleeve PE-X 25 x 3,5/2,3	22	0,030	878 530 300	100	1,40



## Special fittings

With the PRINETO fittings made of the new highperformance material "Cuphin", the installation of drinking water pipes is no longer a problem – even in regions with particularly aggressive drinking water. With our special PRINETO Cuphin fittings, we can already achieve completely lead-free drinking water installation, without compromising the positive characteristics of a brass fitting.

Cuphin CuZn21Si3 is an innovative dezincificationresistant installation material made of special brass that has had the alloy component lead removed from it. On the one hand, this guarantees compliance with the limit value of 0.01

mg/l for lead in drinking water required from December 1, 2013. On the other, this material is absolutely free of tension crack corrosion, making it ideal for use in areas with drinking water qualities that have induced tension cracks in small-dimension brass fittings in the past. Cuphin stands out thanks to its unusual mechanical load capacity that has not been able to be achieved with conventional brass materials so far.

### Highlights **PRINETO** Cuphin fittings:

- has the material strength of steel
- can be processed like standard brass
- lead-free (compliance with Drinking Water Ordinance/limit values from December 2013)
- dezincification-resistant
- insensitive to tension cracks



lead-free

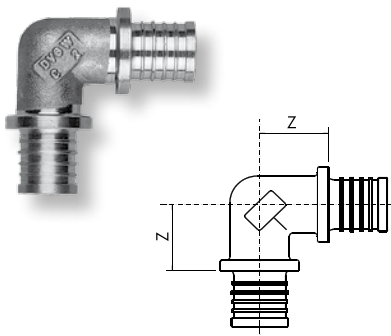


dezincificationresistant



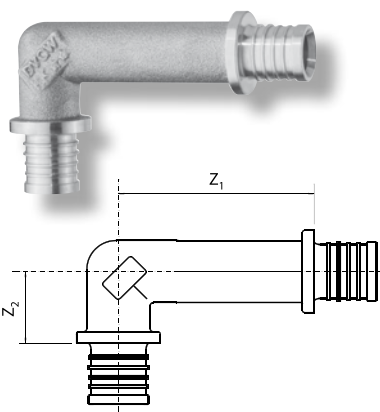
insensitive to tension cracks

## PRINETO Angle 90°



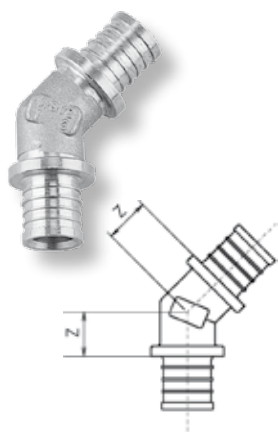
For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes.  
Material: Cuphin

Description	Dimension	Z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle	16	18	0,048	878 474 110	10	7,00
Angle	20	21	0,078	878 474 220	10	8,10
Angle	25	25,5	0,134	878 474 330	10	12,15
Angle	32	30	0,230	878 474 440	5	18,70
<b>NEW!</b> Angle	40	40	0,473	878 474 550	1	38,40

**PRINETO** Asymmetric angle 16

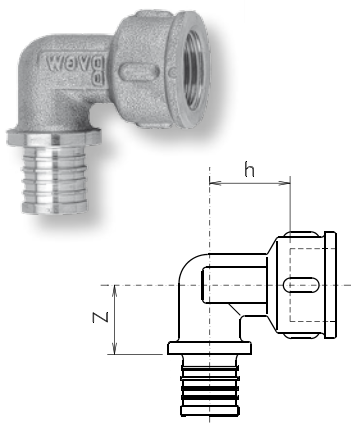
For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes 16.  
Material: Cuphin

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Asymmetric bracket 16	48	18	0,070	878 474 111	50	11,50

**PRINETO** Angle 45°

For connecting heating, plumbing, Nanoflex and Stabil pipes.  
Material: Cuphin

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
<b>NEW!</b> Angle 45°	16	18	0,048	878 475 110	10	8,20
Angle 45°	20	17	0,070	878 475 220	10	10,65
Angle 45°	25	18	0,112	878 475 330	10	13,05
Angle 45°	32	18	0,182	878 475 440	5	17,35
<b>NEW!</b> Angle 45°	40	24	0,360	878 475 550	1	50,50

**PRINETO** Angle transition with internal thread

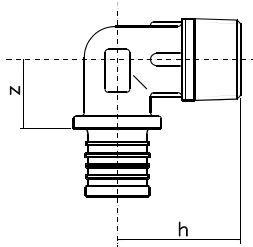
For angle connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with external R-thread.  
Material: Cuphin

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle transition	16-Rp 1/2	17	21	0,084	878 472 150	10	8,65
<b>NEW!</b> Angle transition	6-Rp 3/4	17	21	0,116	878 472 160	10	12,30
Angle transition	20-Rp 1/2	19	22,5	0,100	878 472 250	10	11,50
Angle transition	20-Rp 3/4	19	25	0,126	878 472 260	10	13,30
Angle transition	25-Rp 3/4	22,5	27,5	0,163	878 472 360	10	15,60
<b>NEW!</b> Angle transition	25-Rp 1	25,5	32	0,225	878 472 370	10	23,05
Angle transition	32-Rp 1	25,6	32	0,272	878 472 470	5	24,70

## PRINETO Angle transition with external thread



Angle transition with external R-thread for angle connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with internal Rp-thread.  
Material: Cuphin



**NEW!**

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle transition	16-R 1/2	18	34	0,064	878 474 150	10	6,25
<b>NEW!</b> Angle transition	16-R 3/4	18	38	0,089	878 474 160	10	8,05
Angle transition	20-R 1/2	20	36,5	0,086	878 474 250	10	9,75
Angle transition	20-R 3/4	20	38	0,102	878 474 260	10	11,60
Angle transition	25-R 3/4	23	41	0,137	878 474 360	10	16,70
<b>NEW!</b> Angle transition	25-R 1	23	50	0,200	878 474 370	10	14,15
<b>NEW!</b> Angle transition	32-R 3/4	26	50	0,226	878 474 460	5	21,70
Angle transition	32-R 1	26,5	52	0,246	878 474 470	5	22,10

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PRINETO Price list

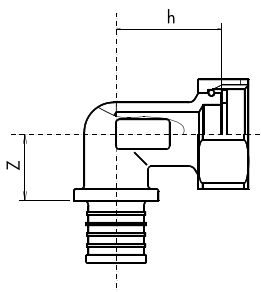
## PRINETO Angle transition with union nut



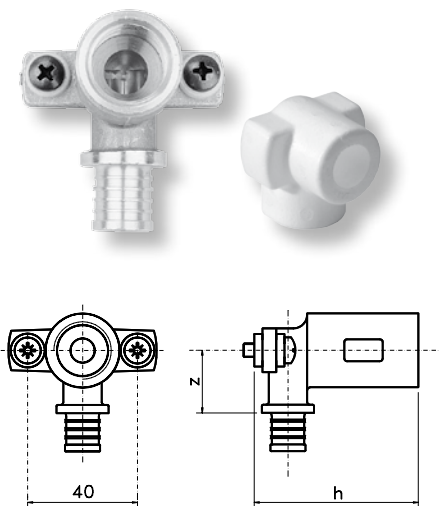
**NEW!**



For the detachable angle connection of heating, plumbing, Nanoflex or Stabil multilayer pipes to components with flat-sealing external G-thread, inc. Klingerit gasket recommended by KTW.  
Material: Cuphin



Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle transition	16-G 3/4	21	32	0,102	878 473 160	10	15,75
Angle transition	20-G 3/4	22	32	0,128	878 473 260	10	16,30
Angle transition	25-G 1	22	32,5	0,202	878 473 370	5	21,05

**PRINETO** Wall angle

Tapping fitting for screwing in fittings, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with holders), for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes.

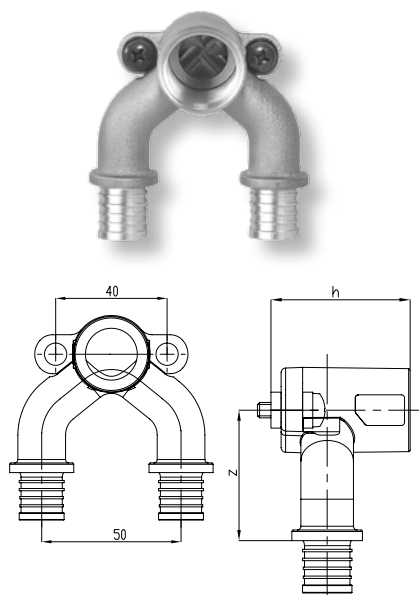
Material: Cuphin, polyamide, steel  
Cover material: extruded polystyrene

Insulating cover for wall angle Rp 1/2

For the heat and impact sound insulation of wall angles to Rp 1/2".

Material: extruded polystyrene, Cuphin

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall angle	16-Rp 1/2	29	54	0,174	878 450 070	10	10,90
Wall angle	20-Rp 1/2	30	54	0,176	878 450 080	10	14,00
Wall angle	16-Rp 1/2 short	29	44	0,147	878 450 071	10	10,50
Wall angle	20-Rp 1/2 short	30	45	0,152	878 450 081	10	13,35
Wall angle	20-Rp 3/4	27	45	0,206	878 450 090	10	14,90
Insulating cover for wall angle Rp 1/2				0,003	878 659 030	10	2,28

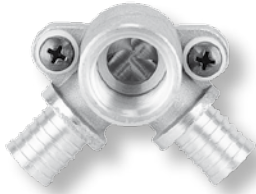
**PRINETO** Wall angle with U passage

Tapping fitting for screwing in fittings, for looping through connections without tee pieces, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with the holders), for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes.

Material: Cuphin, polyamide, steel

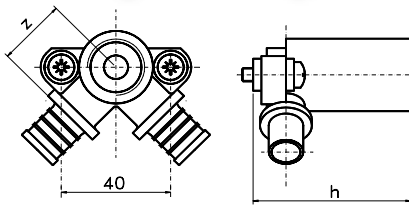
Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall angle U	16-Rp 1/2-16	40,5	45	0,204	878 452 110	10	23,05
Wall angle U	20-Rp 1/2-20	42,5	45	0,246	878 452 120	10	25,30
Wall angle U	25-Rp 1/2-25	45,0	45	0,308	878 452 130	10	29,70
Insulating cover for wall angle U Rp 1/2				0,005	878 659 031	10	3,94

## PRINETO Wall angle with V passage



Tapping fitting for screwing in fittings, for looping through connections without tee pieces, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with the holders), for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes.

Material: Cuphin, polyamide, steel



Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall angle V	16-Rp 1/2	24	57	0,210	878 450 110	10	19,05
Wall angle V	20-Rp 1/2	25	57	0,228	878 450 120	10	21,50

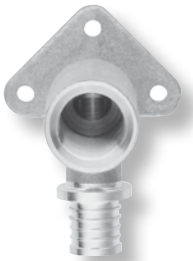
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PRINETO Price list

## PRINETO Ceiling angle

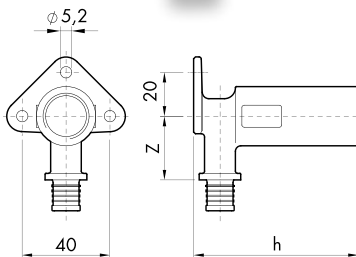


**NEW!**



Tapping fitting for screwing in fittings, for surface mounting (with 3 fixing screws) directly to the wall without sound insulation, for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes.

Material: Cuphin

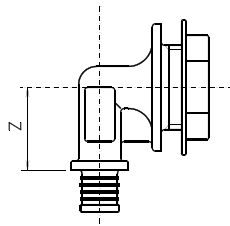


Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Ceiling angle	16-Rp 1/2	29	75	0,216	878 450 160	10	15,70
Ceiling angle	20-Rp 1/2	29,5	75	0,224	878 450 170	10	17,60
Insulating cover for ceiling angle Rp 1/2				0,068	878 659 033	1	10,65

## PRINETO Connection angle for concealed toilet cistern



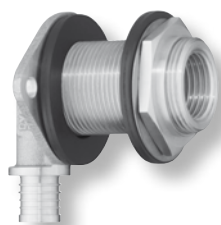
**NEW!**



Special fitting makes it easy to screw in the angle valve outside the cistern, with slotted special nut M 28 for fastening the angle, for connecting plumbing, Nanoflex and Stabil multilayer pipe 16.

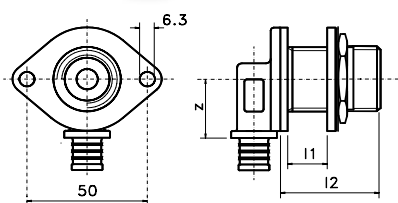
Material: Cupin

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle UP S	16-Rp 1/2	25	0,127	878 450 130	10	17,30

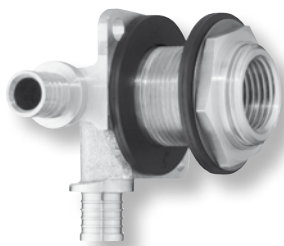
**PRINETO** Wall bushing with flange, angle

For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayer pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 30 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: Cuphin, rubber, brass

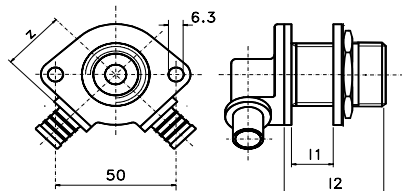


Description	Dimension	z mm	l <sub>1</sub> mm	l <sub>2</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall bushing	16-Rp 1/2	26	30	41	0,191	878 450 020	10	22,25
Wall bushing short	16-Rp 1/2	26	24	35	0,207	878 450 022	10	20,55

**NEW!****PRINETO** Wall bushing with flange, V passage, angle

Angle for looping through connections without tee pieces. For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayer pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 30 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: Cuphin, rubber, brass



Description	Dimension	z mm	l <sub>1</sub> mm	l <sub>2</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall bushing V	20-Rp 1/2	27	30	41	0,318	878 650 050	5	43,65

## PRINETO Masonry bushing



**NEW!**



To prevent twisting when installing fittings 1/2" straight out of masonry (e.g. garden tap) with 2 holes each of sizes 5 mm and 7 mm for wall mounting with screws (not included), for heating, plumbing, Nanoflex and Stabil multilayer pipes.

Material: Cuphin

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Masonry bushing	16-Rp 1/2	0,125	878 450 015	1	12,60
Holder for masonry bushing		0,064	878 650 018	1	2,95

2

PRINETO Price list

## PRINETO Valve for concealed installation



**NEW!**



Maintenance valve with supporting bodies for the direct connection of Nanoflex, plumbing, heating or Stabil multilayer pipes without additional transitions, for use as conduit fittings (e.g. in storey conduits) in public buildings, with changeable valve core, for plumbing and heating installations up to 90° C, pressure level PN 10 (10 bar at 20° C), DVGW-approved, consisting of basic set (basic body with valve core and protective cap).

Material basic body: Cuphin

Material core: brass, refined steel, EPDM

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
UP valve 16	30	35	94	0,574	878 480 310	1	27,00
UP valve 20	32,5	45	111	0,565	878 480 320	1	42,40
UP valve 25	32,5	45	119	0,574	878 480 330	1	45,90

## PRINETO Valve for concealed installation with mounting strap



**NEW!**



Application analogue art.-no. 878 680 311, consisting of basic set (basic body with mounting strap, valve core and protective cap), mounting strap with M 5 screws and polyamide insulation washers for sound-insulated mounting on all **PRINETO** holders.

Material basic body: Cuphin

Material core: brass, refined steel, EPDM

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
UP valve 16 BM	30	35	94	0,447	878 480 312	1	37,90
UP valve 20 BM	32,5	45	111	0,466	878 480 322	1	52,05

## PRINETO Variable complete set for concealed valves



Ready to install with operating handle, consisting of concealed extension, length of extension 0 to 57 mm, chrome rosette, chrome-plated plastic handle with red and blue coloured plates, installation depths (pipe centre to wall surface): with type 16 valve, variable from 65 mm to 122 mm, with type 20 or 25 valves variable from 73 mm to 130 mm..

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Variable complete set for concealed valves	0,132	878 680 039	1	27,40

## PRINETO Complete set for concealed valves, design for public buildings

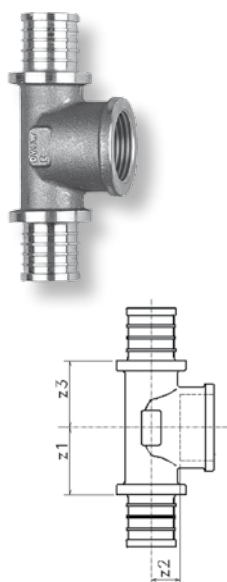


Ready to install in vandal-proof design (for example in public buildings), consisting of wing handle with fastening screw, chrome rosette, chrome-plated cap, installation depths (pipe centre to wall surface): with type 16 valve variable from 26 mm to 58 mm, with type 20 or 25 valves variable from 34 mm to 66 mm.

Material: brass, chrome-plated

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Complete set for concealed valves, design for public buildings	0,071	878 680 038	1	15,10
Extension design for public buildings	0,120	878 680 037	1	12,50

## PRINETO Tee with inner threaded outlet



For dividing or merging the flow in heating, plumbing, Nanoflex or Stabil multilayer pipes, with outlet with internal Rp-thread.

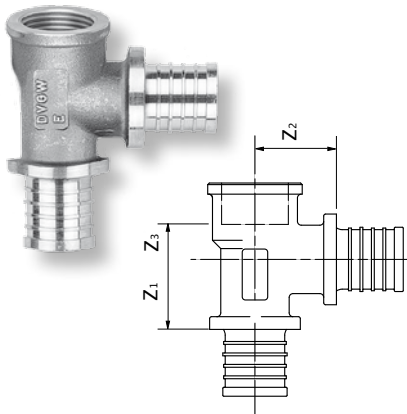
Material: Cuphin

	D.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
	Tee	16-Rp 1/2-16	23	9	23	0,093	878 462 151	5	11,10
	Tee	20-Rp 1/2-20	24	10	24	0,116	878 462 252	5	14,70
<b>NEW!</b>	Tee	20-Rp 3/4-20	26	10	26	0,146	878 462 262	5	16,65
	Tee	25-Rp 1/2-25	26	11	26	0,167	878 462 353	5	17,10
	Tee	25-Rp 3/4-25	27	10,5	27	0,205	878 462 363	5	17,35
<b>NEW!</b>	Tee	25-Rp 1-25	32	10	32	0,245	878 462 373	5	25,30
	Tee	32-Rp 1/2-32	26	13	26	0,242	878 462 454	5	23,75
<b>NEW!</b>	Tee	32-Rp 3/4-32	27,5	14,5	27,5	0,269	878 462 464	5	26,05
<b>NEW!</b>	Tee	32-Rp 1-32	31,5	12	31,5	0,338	878 462 474	5	35,20
<b>NEW!</b>	Tee	40-Rp 3/4-40	34	20	34	0,469	878 462 595	1	53,95



**NEW!**

## PRINETO Tee with inner threaded passage



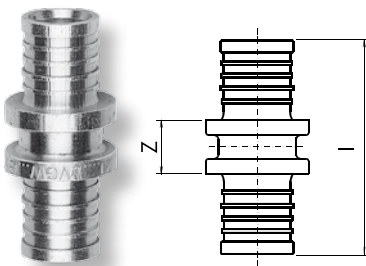
For dividing or merging flows or as an angle for fitting to air bleed valves or feed or drain valves on a connecting pipe, passage with internal Rp-thread.  
Material: Cuphin

Bez.	Dim.	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tee	25-25-Rp 1/2	22	25,5	11	0,165	878 462 335	5	19,00

2

PRINETO Price list

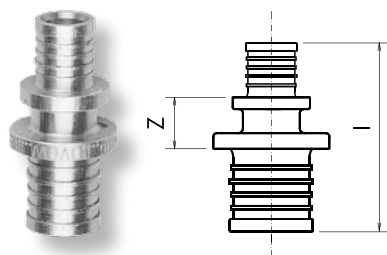
## PRINETO Coupler



For connecting heating, plumbing, Nanoflex, and Stabil multilayer pipes.  
Material: Cuphin

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Coupler	16	12	40	0,028	878 440 110	10	5,10
Coupler	20	13	47	0,046	878 440 220	10	5,80
Coupler	25	14,5	57	0,077	878 440 330	10	8,95
Coupler	32	16	68	0,132	878 440 440	10	14,70
<b>NEW!</b> Coupler	40	27	90	0,289	878 440 550	10	37,60

## PRINETO Reducing coupler



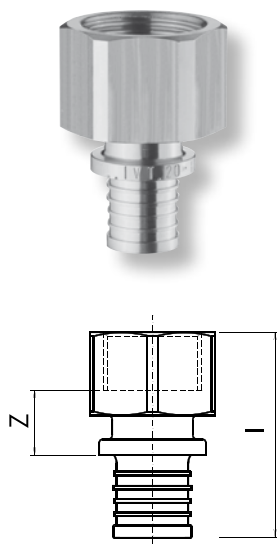
For connecting heating, plumbing, Nanoflex, and Stabil multilayer pipes.  
Material: Cuphin

**NEW!**

**NEW!**

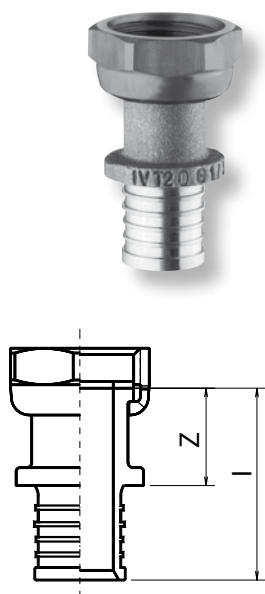
**NEW!**

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Reducing coupler	20-16	12	44	0,038	878 440 210	10	5,65
Reducing coupler	25-16	13	49	0,054	878 440 310	10	10,90
Reducing coupler	25-20	14	52	0,062	878 440 320	10	7,80
Reducing coupler	32-25	15	62	0,105	878 440 430	10	14,00
<b>NEW!</b> Reducing coupler	40-32	23	80	0,222	878 440 540	5	27,60
<b>NEW!</b> Reducing coupler	50-40	28	94	0,363	878 440 650	1	48,00

**PRINETO** Transition with internal thread

Transition with internal Rp-thread. For connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with external R-thread.  
Material: Cuphin

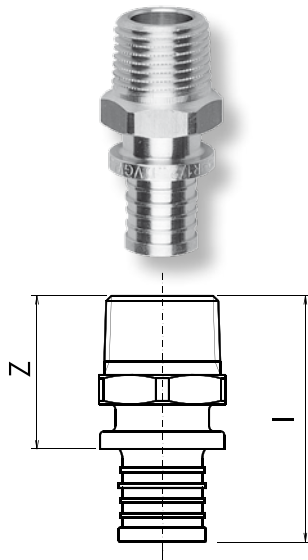
Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	16-Rp 1/2	12	43	0,076	878 442 150	10	7,70
<b>NEW!</b> Transition	16-Rp 3/4	12	45	0,110	878 442 160	10	12,00
Transition	20-Rp 1/2	13	47	0,086	878 442 250	10	8,40
Transition	20-Rp 3/4	13	49	0,115	878 442 260	10	9,60
Transition	25-Rp 3/4	14	54	0,135	878 442 360	10	11,50
Transition	25-Rp 1	14	58	0,238	878 442 370	5	14,55
<b>NEW!</b> Transition	32-Rp 3/4	14,5	59,9	0,200	878 442 460	5	22,10
Transition	32-Rp 1	15,5	64,5	0,196	878 442 470	5	15,70
<b>NEW!</b> Transition	40-Rp 1 1/4	25	79,5	0,358	878 442 580	1	43,40

**PRINETO** Transition with union nut

For the detachable connection of heating, plumbing, Nanoflex or Stabil multilayer pipes to components with flat-sealing external G-thread, inc. Klingerit gasket recommended by KTW.  
Material: Cuphin

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	16-G 1/2	20	34	0,054	878 440 010	10	7,10
<b>NEW!</b> Transition	16-G 3/4	15	29	0,068	878 440 030	10	13,45
<b>NEW!</b> Transition	20-G 1/2	21	38	0,062	878 440 020	10	9,60
Transition	20-G 3/4	22	39	0,083	878 440 030	10	10,40
<b>NEW!</b> Transition	25-G 3/4	23	43	0,960	878 440 040	10	13,20
<b>NEW!</b> Transition	32-G 1	26	51	0,163	878 440 050	5	19,85
<b>NEW!</b> Transition	32-G 1 1/4	29	55	0,217	878 440 060	5	31,20
Transition	25-G 1	17	38	0,132	878 440 080	5	16,25

## PRINETO Transition with external thread



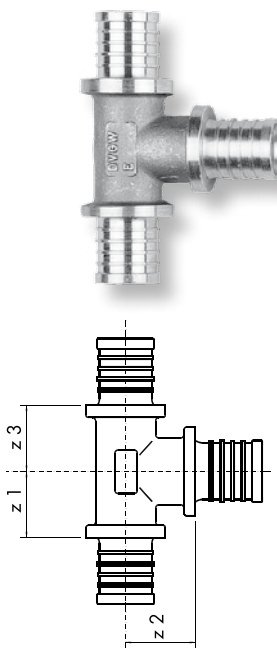
Transition with external R-thread for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with internal Rp-thread.  
Material: Cuphin

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	16-R 1/2	32	46	0,052	878 441 150	10	5,45
Transition	16-R 3/4	34	48	0,082	878 441 160	10	6,95
Transition	20-R 1/2	32,5	49,5	0,070	878 441 250	10	7,05
Transition	20-R 3/4	34,5	51,5	0,088	878 441 260	10	9,05
Transition	25-R 3/4	35,5	56,5	0,108	878 441 360	10	9,70
Transition	25-R 1	37,5	58,5	0,160	878 441 370	5	10,40
<b>NEW!</b> Transition	25-R 1 1/4	42,5	63,5	0,198	878 441 380	1	40,30
Transition	32-R 3/4	36	62	0,152	878 441 460	1	15,05
Transition	32-R 1	38	64	0,179	878 441 470	1	15,50
<b>NEW!</b> Transition	32-R 1 1/4	43	69	0,242	878 441 480	1	42,90
<b>NEW!</b> Transition	40-R 1 1/4	52	84	0,335	878 441 580	1	41,30

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PRINETO Price list

## PRINETO Tee



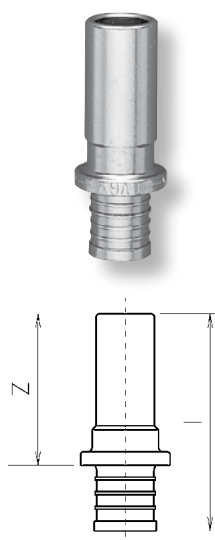
For dividing or merging the flows. All connections for plumbing, heating, Nanoflex and Stabil multilayer pipes  
Material: Cuphin

Description	Dim.	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tee	16	16	18,5	16	0,062	878 460 111	10	6,50
Tee	16-20-16	17,5	19	17,5	0,078	878 460 121	10	8,80
<b>NEW!</b> Tee	16-25-16	21	21	21	0,111	878 460 131	10	12,30
Tee	20-16-16	16,5	21,5	16,5	0,078	878 460 211	10	8,80
Tee	20-16-20	16,5	20	16,5	0,086	878 460 212	10	10,15
Tee	20-20-16	18	21	16,5	0,092	878 460 221	10	10,15
Tee	20	18	21	18	0,100	878 460 222	10	10,50
<b>NEW!</b> Tee	20-25-20	20,5	22	20,5	0,128	878 460 232	10	13,60
<b>NEW!</b> Tee	25-16-16	18	24	17,5	0,106	878 460 311	10	12,35
Tee	25-16-20	18	24	18	0,116	878 460 312	10	10,50
Tee	25-16-25	17,5	24,5	19	0,130	878 460 313	10	12,40
<b>NEW!</b> Tee	25-20-16	20	24	17	0,125	878 460 321	10	13,60
Tee	25-20-20	19	25	18	0,131	878 460 322	10	12,40

Continuation on page 72.

Continuation **PRINETO** Tee

Tee	25-20-25	19	25	21	0,148	878 460 323	10	13,85	
Tee	25-25-16	22	25	18	0,146	878 460 331	10	13,85	
Tee	25-25-20	22	25	20	0,158	878 460 332	10	14,00	
Tee	25	21,5	25,5	21,5	0,173	878 460 333	10	14,00	
<b>NEW!</b>	Tee	25-32-25	24	26	24	0,220	878 460 343	5	21,80
<b>NEW!</b>	Tee	32-16-32	18	28,5	18	0,196	878 460 414	5	22,10
<b>NEW!</b>	Tee	32-20-25	20,5	29	20	0,198	878 460 423	5	22,70
<b>NEW!</b>	Tee	32-20-32	19,5	29	19,5	0,224	878 460 424	5	21,90
Tee	32-25-25	22	29,5	20	0,220	878 460 433	5	18,15	
Tee	32-25-32	22	29,5	21,5	0,248	878 460 434	5	23,15	
Tee	32	24,5	30	24,5	0,298	878 460 444	5	24,70	
<b>NEW!</b>	Tee	40-20-40	28	35	28	0,420	878 460 525	1	52,50
<b>NEW!</b>	Tee	40-25-40	29	33,5	29	0,454	878 460 535	1	56,50
<b>NEW!</b>	Tee	40-32-32	31	40	36	0,426	878 460 544	1	52,60
<b>NEW!</b>	Tee	40-32-40	31	38	31	0,495	878 460 545	1	59,20
<b>NEW!</b>	Tee	40	37	43	37	0,630	878 460 555	1	70,10
<b>NEW!</b>	Tee	50-25-50	31,5	39,5	31,5	0,625	878 460 636	1	64,70
<b>NEW!</b>	Tee	50-32-50	35,5	40,5	35,5	0,700	878 460 646	1	70,85

**PRINETO** Transition for radial pressing

System transition from heating, plumbing and Nanoflex or Stabil multilayer pipe to insertion end, for radial pressing in fittings (external diameter of insertion end of fittings such as precision steel pipes in accordance with EN ISO 1127 or DIN 2391 T1 and DIN 2394 T1).  
Material: V4A stainless steel

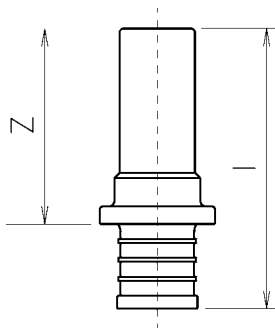
Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Press-type	14-P 15	38	51	0,026	878 643 090	10	9,11
Press-type	16-P 15	38	52	0,029	878 643 190	10	9,32
Press-type	20-P 18	38,5	55,5	0,042	878 643 290	10	11,10
Press-type	20-P 22	39,5	56,5	0,041	878 643 294	1	12,30
Press-type	25-P 22	40,5	61,5	0,062	878 643 390	5	16,10
Press-type	32-P 28	43	69	0,102	878 643 490	5	17,90

## PRINETO Transition with soldering nipple



System transition from heating, plumbing and Nanoflex or Stabil multilayer pipe to insertion end, for soft soldering in copper fittings in accordance with DIN 2856 or for screw connection with flexible sealing.  
Material: Cuphin

**Note:**  
First solder, then press!



Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition w. s. nipple	16-S 15	38	52	0,028	878 443 191	10	4,55
Transition w. s. nipple	20-S 18	38,5	55,5	0,043	878 443 291	10	5,05
Transition w. s. nipple	20-S 22	36,5	53,5	0,043	878 443 295	10	5,90
Transition w. s. nipple	25-S 22	40,5	61,5	0,067	878 443 391	5	10,10
Transition w. s. nipple	32-S 28	43	69	0,104	878 443 491	5	12,10

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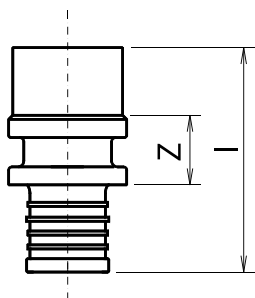
PRINETO Price list

## PRINETO Transition with soldering socket



System transition from plumbing, heating, Nanoflex or Stabil multilayer pipe to copper pipe in accordance with DIN EN 1057, for soft soldering.  
Material: Cuphin

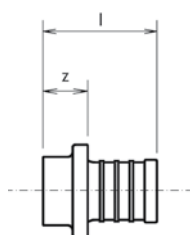
**Note:**  
First solder, then press!



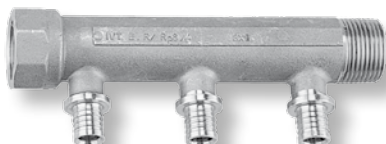
Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition w. s. socket	16-M 15	12	38	0,030	878 443 190	10	4,90
Transition w. s. socket	20-M 18	12,5	43,5	0,046	878 443 290	10	6,20
Transition w. s. socket	20-M 22	13	47	0,053	878 443 294	10	7,70
Transition w. s. socket	25-M 22	14	52	0,074	878 443 390	10	10,70
Transition w. s. socket	32-M 28	15	61	0,124	878 443 490	5	14,00

**PRINETO** Blind plug**NEW!**

For sealing open pipe ends.  
Material: Cuphin

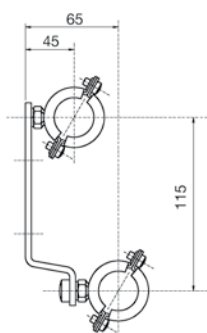
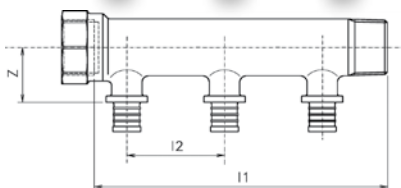


Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Blind plug	16	7	21	0,017	878 443 150	10	2,40
Blind plug	20	7,5	25	0,026	878 443 160	10	3,80
Blind plug	25	8,5	30	0,054	878 643 170	5	9,30
Blind plug	32	9	35	0,090	878 643 180	5	15,00

**PRINETO** Distribution manifold**NEW!**

For connecting several single ducts to one distribution duct (in conjunction with transition with internal or external thread), sliding sleeve connection for heating, plumbing, Nanoflex and Stabil multilayer pipe, with connection threads R 3/4 and Rp 3/4 – allowing them to be coupled or extended, closed by plug or cap (878 681 600 or 878 682 600).

Material: Cuphin

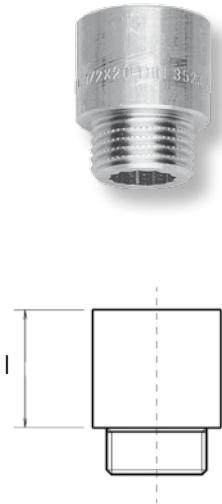


Description	Dimension	l <sub>1</sub> mm	l <sub>2</sub> mm	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Distribution manifold	R/Rp 3/4-2 x 16	90	45	26	0,275	878 469 120	1	31,50
Distribution manifold	R/Rp 3/4-3 x 16	135	45	26	0,390	878 469 130	1	38,40
Holder for Distribution manifold						878 669 240	1	15,60

## PRINETO Tap extension



**NEW!**



In accordance with DIN 3523 to meet advanced requirements in sanitary installations for preventing stress corrosion cracking. Application: to extend internal pipe threads positioned in the wall for connecting valves, taps, and appliances in drinking water installation.  
Material: Cuphin

Description	Dimension	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tap extension	G 1/2 x 15	15	0,054	878 480 005	10	5,20
Tap extension	G 1/2 x 20	20	0,064	878 480 006	10	9,00

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PRINETO Price list

## PRINETO Sanibox UP with siphon angle

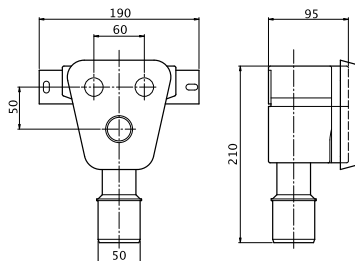


**NEW!**



Extremely compact, pre-assembled heat and sound-insulated unit for washstand connection with gauge size 60 mm (ideally below half column) inc. wastewater connection, for plumbing, Nanoflex and Stabil multilayer pipes 16, only 2 drillings – pipes fixed – that's it! Perfect for plasterboard installations, consisting of: 2 wall angles 16-Rp 1/2, 1 holder, siphon angle 40/50 mm (to HT 50) with universal H nipple 50 x 30 and odour cover cap, insulating block, chrome-plated cover rosette.

Material: Cuphin, galvanised steel, extruded polypropylene, PVC, rubber



Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Sanibox UP with siphon angle 40/50	0,682	878 459 020	1	64,00

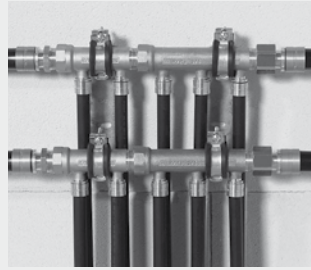
# Drinking water installation accessories

**PRINETO** is the pipework system for cold and heated drinking water in buildings with flexible and rigid plastic pipes made of cross-linked polyethylene PE-X and fittings of special dezincification-resistant brass. The pipework system covers the nominal sizes DN 10, 12, 15, 20, 25, 32, 40 and 50 **PRINETO** pipes and the **PRINETO** clamps are DVGW tested and approved in accordance with working sheets W 544 and W 542, W 534 and W 270 for drinking water installations. The patented **PRINETO** sliding sleeve clamped connection is quick and reliable to establish with the **PRINETO** tools which were specially designed for the purpose. The alloy components of the **PRINETO** fittings for drinking water installation comply with DIN 50930 part 6 and thus guarantee compliance with

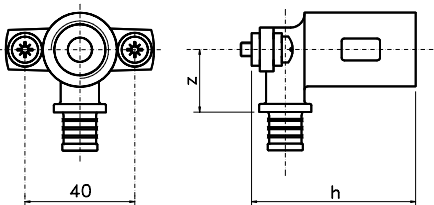
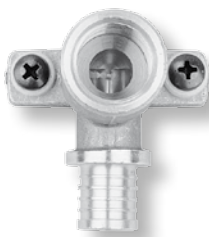
the 2001 Drinking Water Ordinance, even with regard to the limit value of 0.01 mg/l lead in drinking water required from 01.12.2013. The bodies of the fittings for **PRINETO** E-X and Stabil multilayer pipes are identical, the **PRINETO** sleeves differ in their measurements and, for clear identification, also in their colour (colour coordination). **PRINETO** sleeves are symmetrical. It is not possible to fit or push them on the wrong way. **PRINETO** pipes and **PRINETO** fittings are corrosion-resistant to drinking water in accordance with the Drinking Water Ordinance. All non-metallic system components and the **PRINETO** pipes for drinking water installation comply with the KTW recommendations of the German health authority.

## Highlights of the **PRINETO** drinking water pipe system:

- fittings made of CW617N plated fittings
- material tempered to avoid the risk of tension crack corrosion
- complies with the 04/2013 Drinking Water Ordinance
- pipes and unions DVGW (worksheet 270) approved
- has all important national and international approvals



## **PRINETO** Wall angle



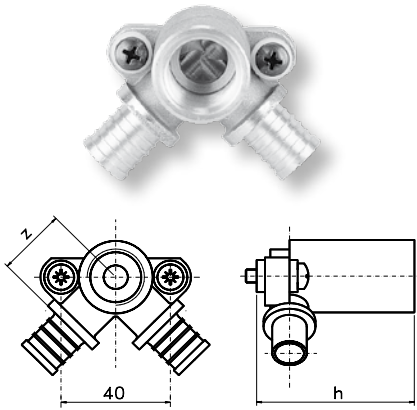
Tapping fitting for screwing in fittings, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with holders), for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes (wall angle 14 for Stabil multilayer and Nanoflex pipes).

Material: dezincification-resistant brass, polyamide, steel  
Insulating cover material: extruded polystyrene

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall angle	16-Rp 1/2	29	54	0,172	878 650 070	10	8,40
Wall angle	20-Rp 1/2	30	54	0,178	878 650 080	10	9,00
Wall angle	20-Rp 3/4	27	45	0,175	878 650 090	10	9,70
Wall angle	25-Rp 3/4	28	50	0,236	878 650 100	10	13,20
Wall angle	16-Rp 1/2 kurz	29	44	0,150	878 650 071	10	8,30
Wall angle	20-Rp 1/2 kurz	30	45	0,152	878 650 081	10	8,90
Insulating cover for wall angle Rp 1/2				0,003	878 659 030	10	2,35



## PRINETO Wall angle with V passage



Tapping fitting for screwing in fittings, for looping through connections without tee pieces, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with the holders), for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes.

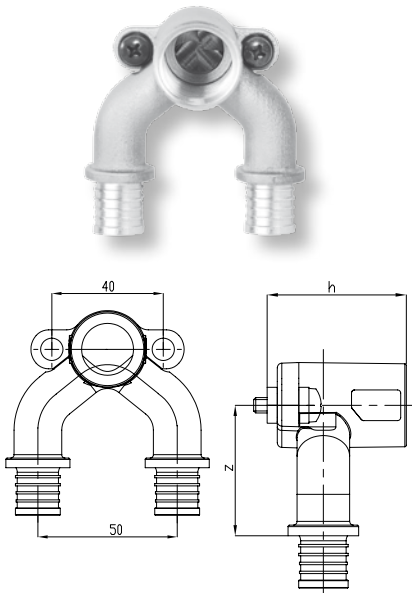
Material: dezincification-resistant brass, polyamide, steel  
 Insulating cover material: extruded polystyrene

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall angle V	16-Rp 1/2	24	57	0,215	878 650 110	10	11,70
Wall angle V	20-Rp 1/2	25	57	0,232	878 650 120	10	14,10
Insulating cover for wall angle V Rp 1/2				0,005	878 659 032	10	4,10

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PRINETO Price list

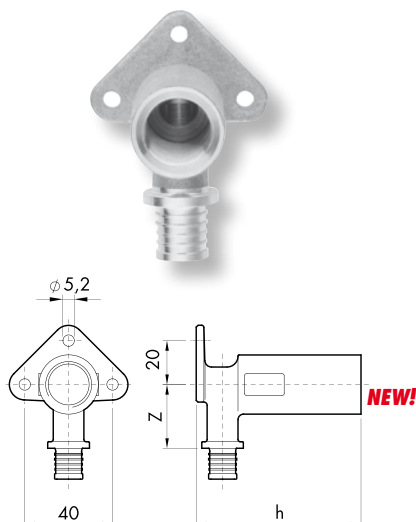
## PRINETO Wall angle with U passage



Tapping fitting for screwing in fittings, for looping through connections without tee pieces, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with the holders), for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes.

Material: dezincification-resistant brass, polyamide, steel  
 Insulating cover material: extruded polystyrene

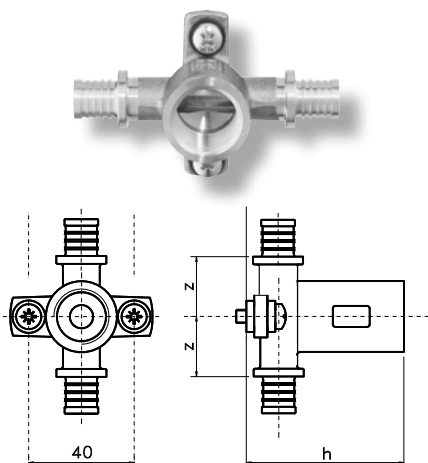
Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall angle U	16-Rp 1/2-16	40,5	45	0,203	878 652 110	10	29,00
Wall angle U	20-Rp 1/2-20	42,5	45	0,247	878 652 120	10	32,20
Wall angle U	25-Rp 1/2-25	45,0	45	0,300	878 652 130	10	37,60
Insulating cover for wall angle U Rp 1/2				0,005	878 659 031	10	4,10

**PRINETO** Ceiling angle

Tapping fitting for screwing in fittings, for surface mounting (with 3 fixing screws) directly to the wall without sound insulation, for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes.

Material: dezincification-resistant brass

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Ceiling angle	16-Rp 1/2	29	75	0,216	878 650 160	10	9,40
Ceiling angle	20-Rp 1/2	29,5	75	0,224	878 650 170	10	10,30
Ceiling angle	25-Rp 3/4	28,5	61	0,258	878 650 180	5	11,60
Ceiling angle	32-Rp 3/4	30,5	65,5	0,290	878 650 240	5	23,50
Insulating cover for ceiling angle Rp 1/2				0,068	878 659 033	1	11,10

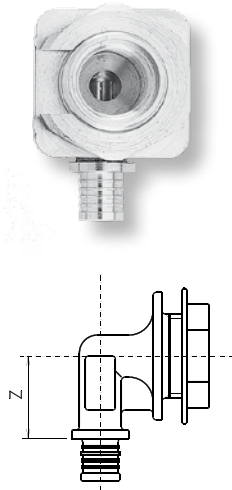
**PRINETO** Wall angle with tee passage

Tapping fitting for screwing in fittings, for looping through connections without tee pieces, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with the holders), for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes.

Material: dezincification-resistant brass, polyamide, steel

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall angle T	16-Rp 1/2	28	41	0,153	878 650 260	10	14,30

## PRINETO Connection angle for concealed toilet cistern



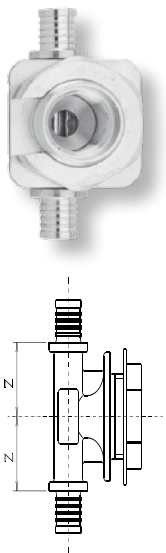
Special fitting makes it easy to screw in the angle valve outside the cistern, with slotted special nut M 28 for fastening the angle, for connecting plumbing, Nanoflex and Stabil multilayer pipe 16.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle UP S	16-Rp 1/2	25	0,127	878 650 130	10	15,05

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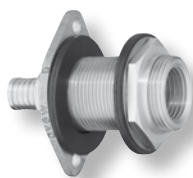
PRINETO Price list

## PRINETO Connection tee for concealed toilet cistern



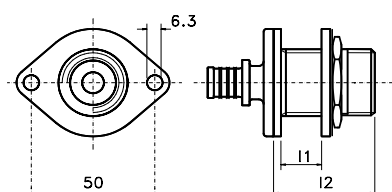
Special fitting makes it easy to screw in the angle valve outside the cistern, for looping through connections without any further tee pieces (e.g. multiple flushing system), with slotted special nut M 28 for fastening the tee, for connecting plumbing, Nanoflex and Stabil multilayer pipe 16.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
T UP-S	16-Rp 1/2-16	24,5	0,150	878 650 140	10	16,60

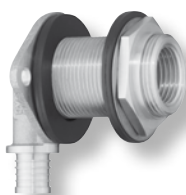
**PRINETO** Wall bushing with flange, straight

For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayer pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 30 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: dezincification-resistant brass, rubber, brass

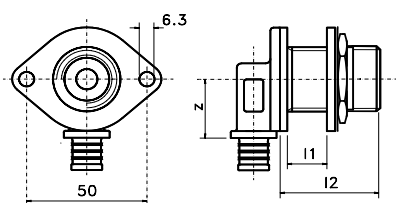


Description	Dimension	l <sub>1</sub> mm	l <sub>2</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall bushing	16-Rp 1/2	30	41	0,170	878 650 010	10	16,10

**PRINETO** Wall bushing with flange, angle

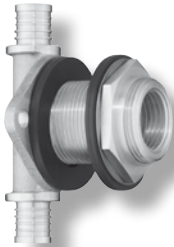
For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayer pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 30 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: dezincification-resistant brass, rubber, brass

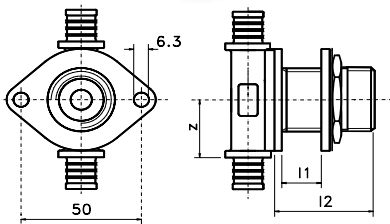


Description	Dimension	z mm	l <sub>1</sub> mm	l <sub>2</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall bushing	16-Rp 1/2	26	30	41	0,220	878 650 020	10	17,15
Wall bushing	16-Rp 1/2 kurz	26	24	35	0,218	878 650 022	10	16,10
Wall bushing	20-Rp 1/2	26,5	30	41	0,237	878 650 030	10	18,70

## PRINETO Wall bushing with flange, tee passage, angle

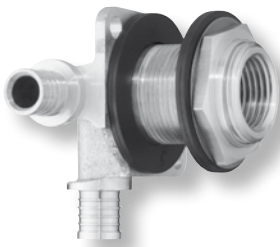


Tee passage for looping through connections without tee pieces. For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayer pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 24 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).  
Material: dezincification-resistant brass, rubber, brass



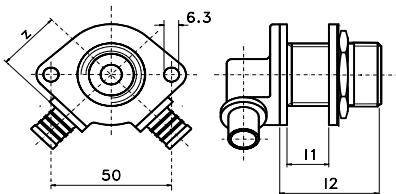
Description	Dimension	z mm	l <sub>1</sub> mm	l <sub>2</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall bushing T	16-Rp 1/2-16	26,2	24	35	0,207	878 650 151	10	24,80

## PRINETO Wall bushing with flange, V passage, angle



Angle for looping through connections without tee pieces. For 1/2" fittings out of dry walls (together with locking washer 878 650 019) for heating, plumbing, Nanoflex and Stabil multilayer pipes, for penetrating e.g. plasterboard, chipboard or concrete plates up to 30 mm thickness (thicker walls possible in conjunction with extension for wall bushing), thread M 28 x 1.5, with 2 sound insulation washers, washer and hexagon nut flat M 28 x 1.5 (SW 36).

Material: dezincification-resistant brass, rubber, brass



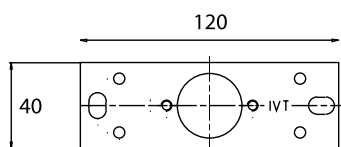
Description	Dimension	z mm	l <sub>1</sub> mm	l <sub>2</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall bushing V	16-Rp 1/2	27	30	41	0,268	878 650 040	5	25,80
Wall bushing V	20-Rp 1/2	27	30	41	0,318	878 650 050	5	27,50
Wall bushing V	16-Rp 1/2 kurz	27	24	35	0,253	878 650 041	5	18,00

**PRINETO** Masonry bushing

To prevent twisting when installing fittings 1/2" straight out of masonry (e.g. garden tap) with 2 holes each of sizes 5 mm and 7 mm for wall mounting with screws (not included), for heating, plumbing, Nanoflex and Stabil multilayer pipes.

Material: dezincification-resistant brass

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Masonry bushing	16-Rp 1/2	0,125	878 650 015	1	8,30
Masonry bushing	20-Rp 1/2	0,142	878 650 016	1	13,10

**PRINETO** Fastening plate for masonry bushing

For mounting masonry bushings with larger contact area (e.g. brick work), with M 5 internal threads and 2 matching screws with cross-slot heads for screwing the masonry bushings in place without nuts.

Dimensions: 120 x 40 x 2 mm

Material: galvanised steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Fastening plate for masonry bushing	0,064	878 650 018	1	3,10

**PRINETO** Locking washer for wall bushing with flange

To prevent twisting of all wall bushings on the rear of the wall, prevents transmission of the torsional forces onto the sliding sleeve connection (e.g. when screwing in the fittings).

Material: galvanised steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Locking washer	0,030	878 650 019	10	2,95

## PRINETO Hexagon nut for wall bushing with flange



Hexagon nut M 28 x 1.5 with flange, extension for wall bushing, to expand the pressure area, then replaces the flat hexagon nut.  
Thread M 28 x 1.5, SW 30  
Material: brass

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Hexagon nut for wall bushing, flatt	0,034	878 650 014	1	3,90
Hexagon nut with flange	0,029	878 650 012	1	4,45

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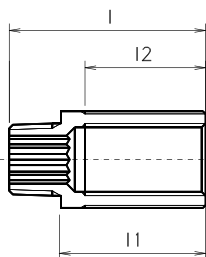
PRINETO Price list

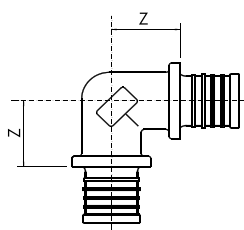
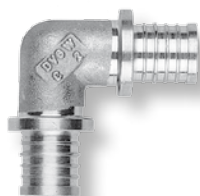
## PRINETO Extension R/Rp 1/2 for wall bushing



For extending wall bushings where walls thicker than 30 mm have to be penetrated, with external thread M 28 x 1.5 for the hexagon nut.  
Material: dezincification-resistant brass

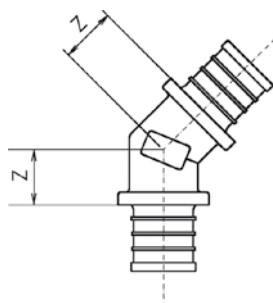
Description	l mm	l <sub>1</sub> mm	l <sub>2</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Extension short	57	42	35	0,120	878 641 251	5	11,00
Extension long	90	75	45	0,200	878 641 252	5	16,40



**PRINETO** Angle 90°

For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle	16	18	0,049	878 674 110	10	6,35
Angle	20	21	0,079	878 674 220	10	7,50
Angle	25	25,5	0,136	878 674 330	10	10,50
Angle	32	30	0,235	878 674 440	5	15,70
Angle	40	43	0,473	878 674 550	1	28,40
Angle	50	48	0,715	878 674 660	1	44,70
Angle	63	58,5	1,261	878 674 770	1	62,45

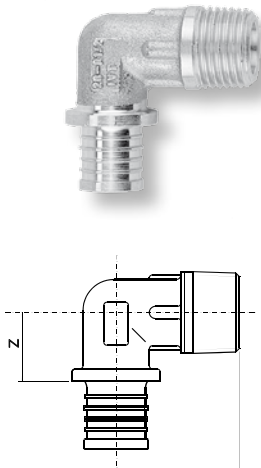
**PRINETO** Angle 45°

For connecting heating, plumbing, Nanoflex and Stabil pipes.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle 45°	16	18	0,048	878 675 110	10	9,45
Angle 45°	20	17	0,070	878 675 220	10	10,65
Angle 45°	25	18	0,116	878 675 330	10	13,70
Angle 45°	32	18	0,182	878 675 440	5	18,30
Angle 45°	40	24	0,360	878 675 550	1	30,10
Angle 45°	50	30	0,554	878 675 660	1	40,90
Angle 45°	63	35,5	0,944	878 675 770	1	59,20



## PRINETO Angle transition with external thread



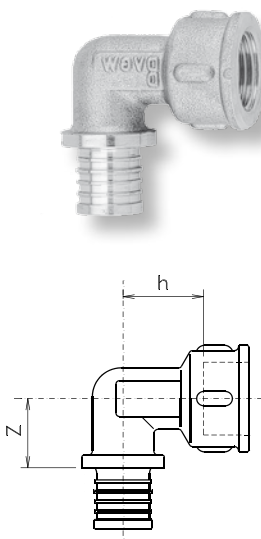
Angle transition with external R-thread for angle connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with internal Rp-thread.  
Material: dezincification-resistant brass

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle transition	16-R 1/2	18	34	0,068	878 674 150	10	6,80
Angle transition	16-R 3/4	18	38	0,089	878 674 160	10	7,30
Angle transition	20-R 1/2	20	36,5	0,086	878 674 250	10	7,85
Angle transition	20-R 3/4	20	38	0,106	878 674 260	10	8,50
Angle transition	25-R 3/4	23	41	0,145	878 674 360	10	14,50
Angle transition	25-R 1	23	51	0,200	878 674 370	10	15,50
Angle transition	32-R 3/4	26	50	0,226	878 674 460	5	18,10
Angle transition	32-R 1	26,5	52	0,247	878 674 470	5	20,90
Angle transition	40-R 1 1/4	39,5	63	0,470	878 674 580	1	34,00
Angle transition	50-R 1 1/4	43	70	0,604	878 674 680	1	46,30

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PRINETO Price list

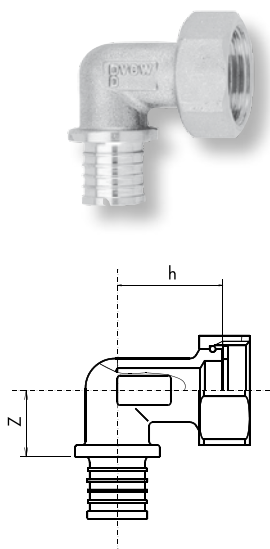
## PRINETO Angle transition with internal thread



For angle connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with external R-thread.  
Material: dezincification-resistant brass

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle transition	16-Rp 1/2	17	21	0,082	878 672 150	10	6,80
Angle transition	16-Rp 3/4	17	21	0,116	878 672 160	10	8,10
Angle transition	20-Rp 1/2	19	22,5	0,102	878 672 250	10	8,10
Angle transition	20-Rp 3/4	19	25	0,129	878 672 260	10	10,00
Angle transition	25-Rp 3/4	22,5	27,5	0,170	878 672 360	10	14,85
Angle transition	25-Rp 1	25,5	32	0,225	878 672 370	10	15,70
Angle transition	32-Rp 3/4	25,5	30	0,224	878 672 460	5	17,80
Angle transition	32-Rp 1	25,6	32	0,274	878 672 470	5	20,50

## PRINETO Angle transition with union nut



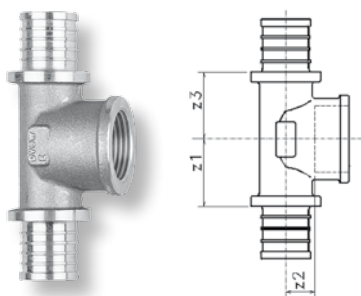
For the detachable angle connection of heating, plumbing, Nanoflex or Stabil multilayer pipes to components with flat-sealing external G-thread, inc. Klingerit gasket recommended by KTW.  
Material: dezincification-resistant brass

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle transition	16-G 3/4	21	32	0,102	878 673 160	10	11,20
Angle transition	20-G 3/4	22	32	0,128	878 673 260	10	11,50
Angle transition	25-G 1	22	32,5	0,202	878 673 370	5	15,70
Angle transition	32-G 1 1/2	25	45	0,349	878 673 490	5	22,45

## PRINETO Tee with inner threaded outlet

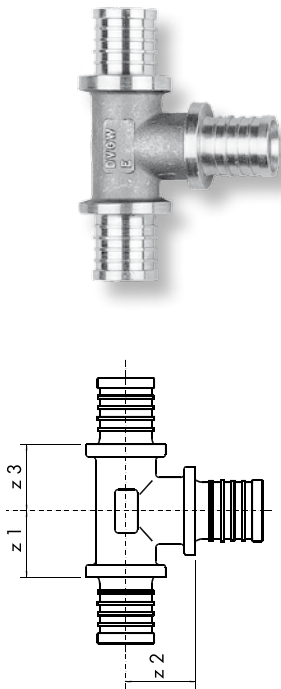
In heating, plumbing, Nanoflex or Stabil multilayer pipes, (from size 40 for Stabil multilayer pipes only), outlet with internal Rp-thread (e.g. for crossing distribution pipes with slight height offset – in conjunction with angle transitions with external R-thread).

Material: dezincification-resistant brass



Bez.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tee	16-Rp 1/2-16	23	9	23	0,092	878 662 151	5	10,80
Tee	20-Rp 1/2-20	24	10	24	0,118	878 662 252	5	11,70
Tee	20-Rp 3/4-20	26	10	26	0,146	878 662 262	5	16,10
Tee	25-Rp 1/2-25	26	11	26	0,170	878 662 353	5	16,20
Tee	25-Rp 3/4-25	27	10,5	27	0,210	878 662 363	5	16,70
Tee	25-Rp 1-25	32	10	32	0,245	878 662 373	5	17,25
Tee	32-Rp 1/2-32	26	13	26	0,248	878 662 454	5	19,40
Tee	32-Rp 3/4-32	27,5	14,5	27,5	0,269	878 662 464	5	21,90
Tee	32-Rp 1-32	31,5	12	31,5	0,338	878 662 474	5	22,45
Tee	40-Rp 3/4-40	34	20	34	0,469	878 662 595	1	34,90
Tee	40-Rp 1 1/4-40	43	20	43	0,657	878 662 585	1	47,00
Tee	50-Rp 3/4-50	36,5	23	36,5	0,671	878 662 666	1	45,20
Tee	50-Rp 1-50	41	21	41	0,710	878 662 696	1	44,90
Tee	50-Rp 1 1/4-50	48	21	48	0,867	878 662 686	1	59,00
Tee	63-Rp 3/4-63	39	46	39	1,015	878 662 767	1	60,20
Tee	63-Rp 1 1/4-63	48	49,5	48	1,425	878 662 787	1	62,45

## PRINETO Tee



For dividing or merging the flows. All connections for plumbing, heating, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Abm.	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tee	16	16	18,5	16	0,062	878 660 111	10	7,00
Tee	16-20-16	17,5	19	17,5	0,081	878 660 121	10	7,30
Tee	16-25-16	21	21	21	0,111	878 660 131	10	10,65
Tee	20-14-20	16,5	19	16,5	0,085	878 660 202	10	10,10
Tee	20-16-16	16,5	21,5	16,5	0,076	878 660 211	10	7,40
Tee	20-16-20	16,5	20	16,5	0,089	878 660 212	10	7,75
Tee	20-20-16	18	21	16,5	0,076	878 660 221	10	7,75
Tee	20	18	21	18	0,104	878 660 222	10	8,10
Tee	20-25-20	20,5	22	20,5	0,128	878 660 232	10	8,70
Tee	25-16-16	18	24	17,5	0,106	878 660 311	10	8,80
Tee	25-16-20	18	24	18	0,114	878 660 312	10	9,45
Tee	25-16-25	17,5	24,5	19	0,134	878 660 313	10	9,45
Tee	25-20-16	20	24	17	0,125	878 660 321	10	9,45
Tee	25-20-20	19	25	18	0,128	878 660 322	10	9,40
Tee	25-20-25	19	25	21	0,148	878 660 323	10	9,40
Tee	25-25-16	22	25	18	0,150	878 660 331	10	9,55
Tee	25-25-20	22	25	20	0,160	878 660 332	10	9,55
Tee	25	21,5	25,5	21,5	0,173	878 660 333	10	9,40
Tee	25-32-25	24	26	24	0,220	878 660 343	5	19,40
Tee	32-16-32	18	28,5	18	0,196	878 660 414	5	20,25
Tee	32-20-25	20,5	29	20	0,198	878 660 423	5	19,30
Tee	32-20-32	19,5	29	19,5	0,224	878 660 424	5	19,30
Tee	32-25-20	22,5	30	21,5	0,198	878 660 432	5	19,30
Tee	32-25-25	22	29,5	20	0,226	878 660 433	5	19,30
Tee	32-25-32	22	29,5	21,5	0,253	878 660 434	5	19,50
Tee	32	24,5	30	24,5	0,298	878 660 444	5	19,50
Tee	40-16-40	28	34,5	28	0,400	878 660 515	1	34,20
Tee	40-20-40	28	35	28	0,420	878 660 525	1	34,20
Tee	40-25-40	29	33,5	29	0,454	878 660 535	1	36,50
Tee	40-32-32	31	40	36	0,426	878 660 544	1	32,70
Tee	40-32-40	31	38	31	0,495	878 660 545	1	34,80
Tee	40	37	43	37	0,630	878 660 555	1	36,60
T-Stück	50-16-50	30	40,5	30	0,590	878 660 616	1	45,50

Continuation of the tabel on page 64.

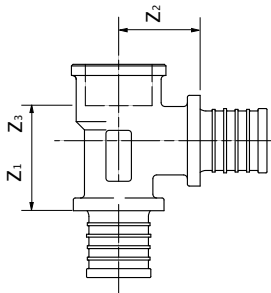
Fortsetzung **PRINETO** Tee continued

Description	Dim.	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tee	50-16-50	30	40,5	30	0,590	878 660 616	1	45,50
Tee	50-20-50	30	41	30	0,584	878 660 626	1	45,50
Tee	50-25-50	31,5	39,5	31,5	0,625	878 660 636	1	45,50
Tee	50-32-50	35,5	40,5	35,5	0,700	878 660 646	1	45,50
Tee	50-40-40	40	48	36	0,733	878 660 655	1	45,50
Tee	50-40-50	40	48	40	0,799	878 660 656	1	45,50
Tee	50	45	50	45	0,930	878 660 666	1	62,90
Tee	63-50-50	57,5	55,5	53,5	1,303	878 660 766	1	65,70
Tee	63-50-63	51,5	57,5	51,5	1,386	878 660 767	1	63,30
Tee	63	51,5	58,5	51,5	1,575	878 660 777	1	60,90

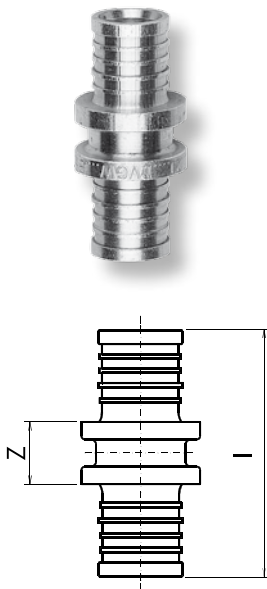
**PRINETO** Tee with inner threaded passage

For dividing or merging flows or as an angle for fitting to air bleed valves or feed or drain valves on a connecting pipe, passage with internal Rp-thread.  
Material: dezincification-resistant brass

Bez.	Dim.	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tee	25-25-Rp 1/2	22	25,5	11	0,165	878 662 335	5	15,60
Tee	32-32-Rp 1/2	31	31	14	0,274	878 662 445	5	19,40
Tee	40-40-Rp 3/4	37	43	20	0,510	878 662 556	1	36,60



## PRINETO Coupler



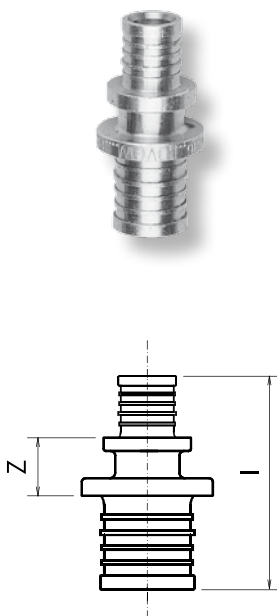
For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Dim.	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Coupler	16	12	40	0,030	878 640 110	10	4,85
Coupler	20	13	47	0,048	878 640 220	10	6,00
Coupler	25	14,5	57	0,079	878 640 330	10	8,30
Coupler	32	16	68	0,133	878 640 440	5	12,15
Coupler	40	27	90	0,289	878 640 550	1	25,00
Coupler	50	30	97	0,430	878 640 660	1	26,40
Coupler	63	34	105	0,696	878 640 770	1	48,30

2

PRINETO Price list

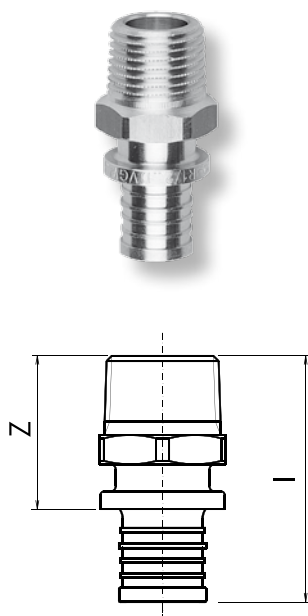
## PRINETO Reducing coupler



For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Reducing coupler	20-16	12	44	0,038	878 640 210	10	5,70
Reducing coupler	25-16	13	49	0,054	878 640 310	10	8,00
Reducing coupler	25-20	14	52	0,064	878 640 320	10	8,50
Reducing coupler	32-25	15	62	0,108	878 640 430	10	12,15
Reducing coupler	40-32	23	80	0,222	878 640 540	5	25,10
Reducing coupler	50-25	28	90	0,305	878 640 630	1	26,20
Reducing coupler	50-40	28	94	0,363	878 640 650	1	26,90
Reducing coupler	63-40	33	99	0,504	878 640 750	1	46,30
Reducing coupler	63-50	33	102	0,585	878 640 760	1	47,20

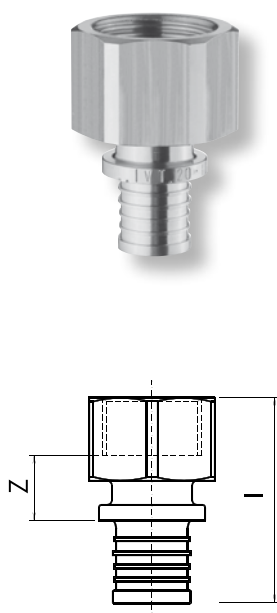
## PRINETO Transition with external thread



Transition with external R-thread for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with internal Rp-thread.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	16-R 1/2	32	46	0,052	878 641 150	10	6,60
Transition	16-R 3/4	34	48	0,083	878 641 160	10	7,00
Transition	20-R 1/2	32,5	49,5	0,070	878 641 250	10	7,10
Transition	20-R 3/4	34,5	51,5	0,090	878 641 260	10	8,30
Transition	25-R 3/4	35,5	56,5	0,110	878 641 360	10	8,90
Transition	25-R 1	37,5	58,5	0,160	878 641 370	5	10,10
Transition	25-R 1 1/4	42,5	63,5	0,198	878 641 380	1	26,90
Transition	32-R 3/4	36	62	0,156	878 641 460	1	12,90
Transition	32-R 1	38	64	0,186	878 641 470	1	12,90
Transition	32-R 1 1/4	43	69	0,242	878 641 480	1	28,10
Transition	40-R 1 1/4	52	84	0,335	878 641 580	1	28,60
Transition	50-R 1 1/2	54	88	0,427	878 641 690	1	29,10
Transition	63-R 2	61,5	97	0,748	878 641 710	1	46,30

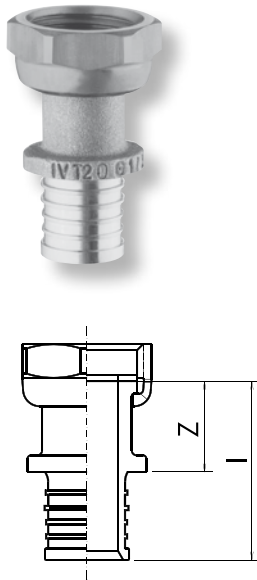
## PRINETO Transition with internal thread



Transition with internal Rp-thread. For connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with internal R-thread.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	16-Rp 1/2	12	43	0,078	878 642 150	10	7,00
Transition	16-Rp 3/4	12	45	0,110	878 642 160	10	7,75
Transition	20-Rp 1/2	13	47	0,088	878 642 250	10	7,75
Transition	20-Rp 3/4	13	49	0,120	878 642 260	10	8,70
Transition	25-Rp 3/4	14	54	0,136	878 642 360	10	9,40
Transition	25-Rp 1	14	58	0,195	878 642 370	5	13,30
Transition	32-Rp 3/4	14,5	59,5	0,200	878 642 460	5	12,50
Transition	32-Rp 1	15,5	64,5	0,216	878 642 470	5	13,50
Transition	40-Rp 1 1/4	25	79,5	0,358	878 642 580	1	29,60
Transition	50-Rp 1 1/2	34	81	0,464	878 642 690	1	31,80
Transition	63-Rp 2	34	93	0,984	878 642 710	1	49,60

## PRINETO Transition with union nut



For the detachable connection of heating, plumbing, Nanoflex or Stabil multilayer pipes to components with flat-sealing external G-thread, inc. Klingerit gasket recommended by KTW.

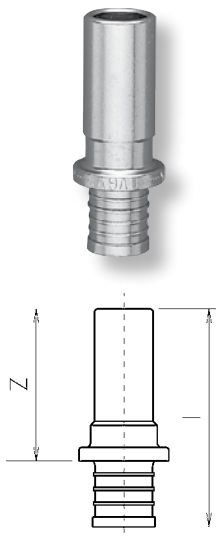
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	16-G 1/2	20	34	0,054	878 640 010	10	7,10
Transition	16-G 3/4	15	29	0,068	878 643 030	10	8,30
Transition	20-G 1/2	21	38	0,062	878 640 020	10	8,30
Transition	20-G 3/4	22	39	0,078	878 640 030	10	8,90
Transition	25-G 3/4	23	43	0,096	878 640 040	10	15,50
Transition	25-G 1	17	38	0,143	878 640 080	5	18,60
Transition	32-G 1	26	51	0,163	878 640 050	5	22,30
Transition	32-G 1 1/4	29	55	0,217	878 640 060	5	23,20
Transition	32-G 1 1/2	29	55	0,244	878 640 070	5	25,20
Transition	40-G 1 1/4	34,5	66	0,330	878 643 580	1	33,40
Transition	40-G 1 1/2	34,5	66	0,368	878 643 590	1	34,50
Transition	50-G 1 1/2	35,5	69	0,496	878 643 690	1	50,90
Transition	63-G 2 3/8	46,5	82	1,065	878 643 730	1	63,50

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PRINETO Price list

## PRINETO Transition for radial pressing

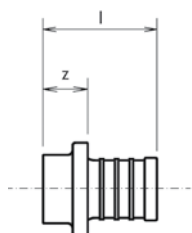


System transition from heating, plumbing and Nanoflex or Stabil multilayer pipe to insertion end, for radial pressing in fittings (external diameter of insertion end of fittings such as precision steel pipes in accordance with EN ISO 1127 or DIN 2391 T1 and DIN 2394 T1).

Material: V4A stainless steel

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Press-type	16-P 15	38	52	0,029	878 643 190	10	9,70
Press-type	20-P 18	38,5	55,5	0,040	878 643 290	10	11,50
Press-type	20-P 22	39,5	56,5	0,045	878 643 294	1	12,80
Press-type	25-P 22	40,5	61,5	0,064	878 643 390	5	16,70
Press-type	32-P 28	43	69	0,102	878 643 490	5	18,60

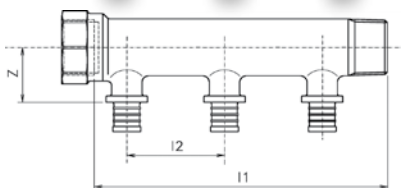
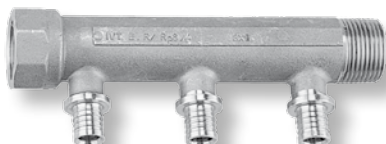
## PRINETO Blind plug



For sealing open pipe ends.  
Material: dezincification-resistant brass

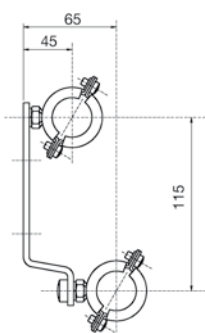
Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Blind plug	16	7	21	0,017	878 343 150	10	3,55
Blind plug	20	7,5	25	0,026	878 343 160	10	4,30
Blind plug	25	8,5	30	0,054	878 643 170	5	5,60
Blind plug	32	9	35	0,090	878 643 180	5	8,35

## PRINETO Distribution manifold



For connecting several single ducts to one distribution duct (in conjunction with transition with internal or external thread), sliding sleeve connection for heating, plumbing, Nanoflex and Stabil multilayer pipe, with connection threads R 3/4 and Rp 3/4 – allowing them to be coupled or extended, closed by plug or cap (878 681 600 or 878 682 600).

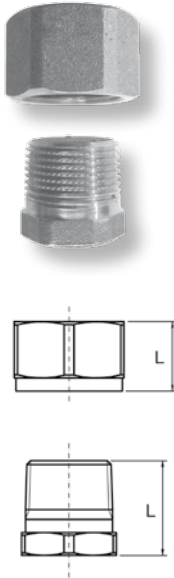
Material: dezincification-resistant brass



Description	Dimension	l <sub>1</sub> mm	l <sub>2</sub> mm	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Distribution manifold	R/Rp 3/4-2 x 16	90	45	26	0,275	878 669 120	1	20,40
Distribution manifold	R/Rp 3/4-3 x 16	135	45	26	0,390	878 669 130	1	25,90
Distribution manifold	R/Rp 3/4-2 x 20	90	45	26	0,315	878 669 220	1	22,40
Distribution manifold	R/Rp 3/4-3 x 20	135	45	26	0,444	878 669 230	1	27,20
Holders for Distribution manifold						878 669 240	1	16,20



## PRINETO Cap and plug for distribution manifold



Cap Rp 3/4. For sealing external R 3/4 threads (e.g. on distribution manifolds).  
Material: dezincification-resistant brass

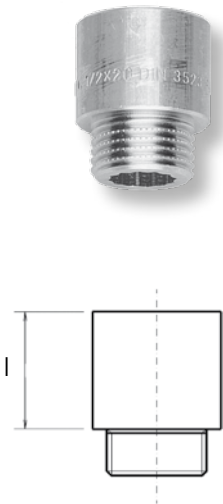
Plug Rp 3/4. For sealing internal R 3/4 threads (e.g. on distribution manifolds).  
Material: dezincification-resistant brass

Description	Dimension	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Cap	Rp 3/4	21,5	0,090	878 682 600	10	4,10
Plug	R 3/4	25,5	0,070	878 681 600	10	4,60

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PRINETO Price list

## PRINETO Tap extension



In accordance with DIN 3523 to meet advanced requirements in sanitary installations for preventing stress corrosion cracking. Application: to extend internal pipe threads positioned in the wall for connecting valves, taps, and appliances in drinking water installation.  
Material: dezincification-resistant brass

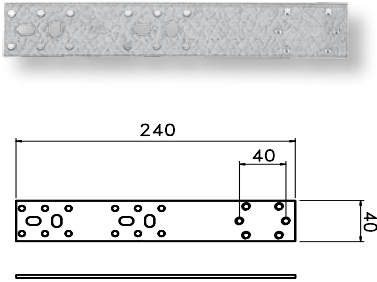
Description	Dimension	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tap extension	G 1/2 x 15	15	0,054	878 680 005	10	2,35
Tap extension	G 1/2 x 20	20	0,064	878 680 006	10	3,00
Tap extension	G 1/2 x 25	25	0,077	878 680 007	10	3,55
Tap extension	G 1/2 x 30	30	0,090	878 680 008	10	3,90
Tap extension	G 1/2 x 40	40	0,130	878 641 254	5	8,30
Tap extension	G 1/2 x 50	50	0,140	878 641 255	5	9,25

# Holder and accessories

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PRINETO Price list

## PRINETO Holder for wall angle, straight



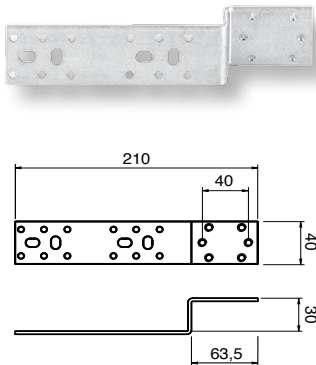
Holder for single wall angle, straight. For the sound-insulated mounting of a single wall angle without depth offset (e.g. urinal), with M 5 internal threads for screwing the wall angle in various positions without a nut, wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 3 mm

Material: partial galvanised steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder for wall angle, straight	0,135	878 680 041	10	2,70

## PRINETO Holder for wall angle, stepped



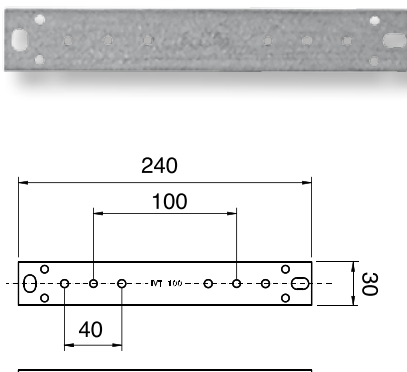
Holder for single wall angle, stepped. For the sound-insulated mounting of a single wall angle with depth offset (e.g. garden tap), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 45°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 3 mm

Material: partial galvanised steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder for wall angle, stepped	0,137	878 680 042	10	2,90

## PRINETO Holder with gauge size 100 mm, straight



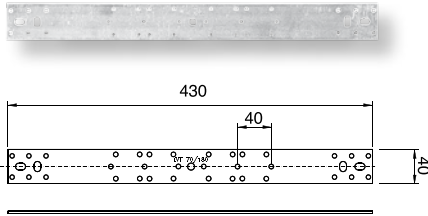
For the sound-insulated mounting of 2 wall angles without depth offset, gauge size 100 mm (e.g. for connecting electric water heater with KV 30 or KV 40), with M 5 internal threads for screwing the wall angles in place without a nut, wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 3 mm

Material: partial galvanised steel

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder, straight	100	0,087	878 680 044	10	3,80

## PRINETO Holder with gauge size 70/150 mm, straight



For the sound-insulated mounting of 2 wall angles without depth offset, selectable gauge sizes 70 mm (e.g. washstand with half column) – 110 mm (e.g. kitchen sink) – 150 mm (e.g. shower onwall), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 45°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

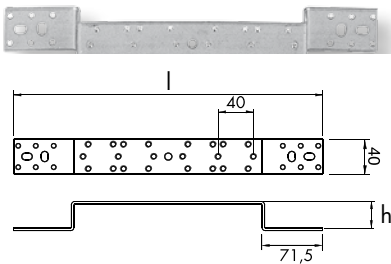
Material: partial galvanised steel

Description	Dimension mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder, straight	70/150	0,237	878 680 049	10	6,80

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PRINETO Price list

## PRINETO Holder with gauge size 70/150 mm, stepped



For the sound-insulated mounting of 2 wall angles with depth offset, selectable gauge sizes 70 mm (e.g. washstand with half column) – 110 mm (e.g. kitchen sink) – 150 mm (e.g. shower onwall), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 45°), wall mounting with 5 mm or 8 mm screws as required (not included).

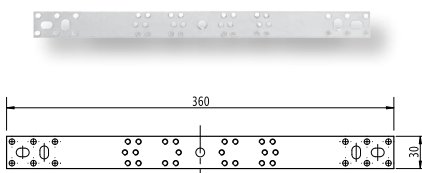
Thickness: 2 mm

Material: partial galvanised steel

**NEW!**

Description	l mm	h mm	Dimension mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder, stepped	430	45	70/150	0,310	878 680 048	10	11,70
Holder, stepped	350	40	70/150	0,249	878 680 050	10	7,00

## PRINETO Holder with gauge size 80/100 mm, straight

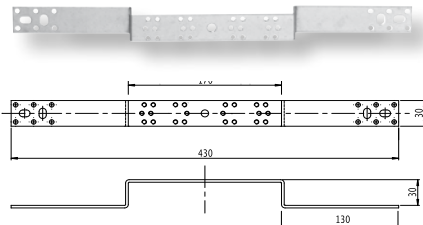


For the sound-insulated mounting of 2 wall angles without depth offset, selectable gauge sizes 80 mm (e.g. washstand with half column) and 100 mm (e.g. connection of electric water heater with KV 30 or KV 40), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 30°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimension mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder, straight	80/100	0,152	878 680 051	10	5,90

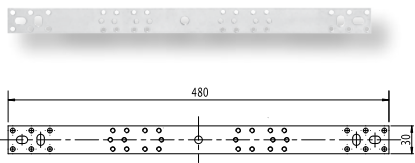
**PRINETO** Holder with gauge size 80/100 mm, stepped

For the sound-insulated mounting of 2 wall angles with depth offset, selectable gauge sizes 80 mm (e.g. washstand with half column) and 100 mm (e.g. connection of electric water heater with KV 30 or KV 40), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 30°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimension mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder, stepped	80/100	0,203	878 680 055	10	6,10

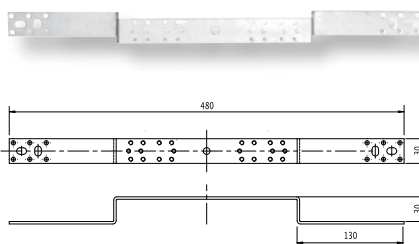
**PRINETO** Holder with gauge size 120/150 mm, straight

For the sound-insulated mounting of 2 wall angles without depth offset, selectable gauge sizes 120 mm (e.g. kitchen sink) and 150 mm (e.g. shower AP), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 30°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimension mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder, straight	120/150	0,171	878 680 052	10	6,35

**PRINETO** Holder with gauge size 120/150 mm, stepped

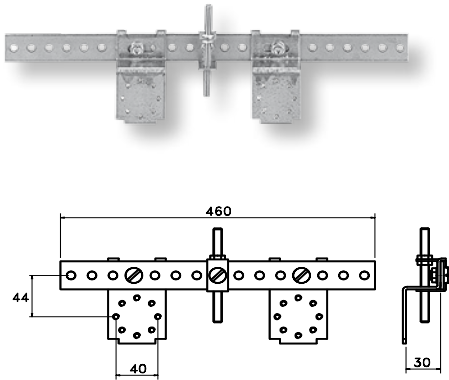
For the sound-insulated mounting of 2 wall angles with depth offset, selectable gauge sizes 120 mm (e.g. kitchen sink) and 150 mm (e.g. shower AP), with M 5 internal threads for screwing the wall angle in various positions without a nut (can be turned through 30°), wall mounting with 5 mm or 8 mm screws as required (not included).

Thickness: 2 mm

Material: partial galvanised steel

Description	Dimension mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder, stepped	120/150	0,730	878 680 056	10	6,70

## PRINETO Holder with adjustable gauge size from 80 mm to 400 mm



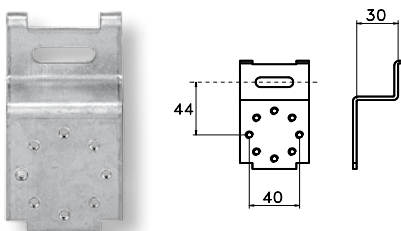
Perforated strip steel with movable holder Z-parts for fixing wall angles in various positions (can be turned through 45°) and spacings, and with U-part with threaded rod M 8 x 100 for fixing a drainpipe clamp (on site), can be extended for further wall angles by adding Z-parts.  
Material: partial galvanised steel

Description	Dimension mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder, adjustable	80/400	0,660	878 680 060	5	16,70

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PRINETO Price list

## PRINETO Z-part



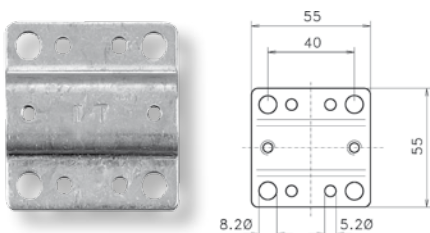
For fixing wall angles in various positions (can be turned through 45°) and spacings on supporting rails for plasterboard installation systems, and as supplement to holder with adjustable gauge size from 80 to 400 mm, with threaded holes M 5 for wall angle and long hole 8 x 30 mm.

Thickness: 3 mm

Material: partial galvanised steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Z-part for holder 80/400	0,134	878 680 070	10	3,50

## PRINETO Holder plate for wall angle



For the sound-insulated 4-point mounting of a single wall angle (e.g. washing machine AP), wall mounting with 5 mm or 8 mm screws as required (not included, 55 mm square, with M 5 internal threads for screwing the wall angle in place without a nut).

Thickness: 3 mm

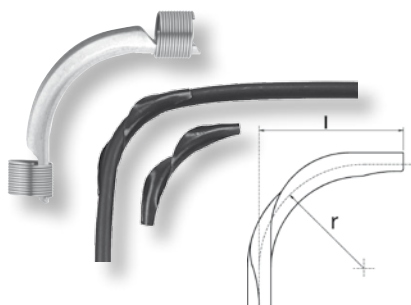
Material: partial galvanised steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Holder-plate for wall angle	0,059	878 680 043	10	2,90

**PRINETO** End cap

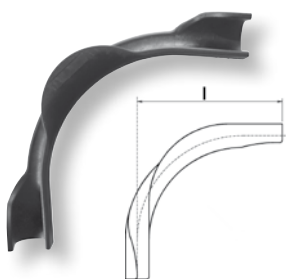
For closing of finished installations which are not yet being closed by a tap. Secure plug for pressure-tests and shelter against dirt acc. to VDI 6023. Reusable with screw thread G 1/2", outer diameter: 37 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
End cap blue	0,044	878 681 905	10	3,45
End cap red	0,044	878 681 906	10	3,45

**PRINETO** Curved pipe guide

For stabilizing 90° bends of flexible Nanoflex, plumbing, and heating pipes. Material: steel, browned

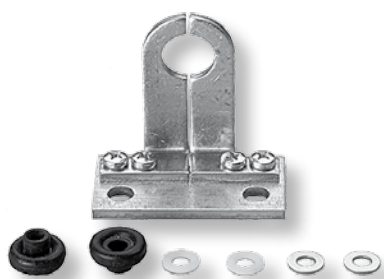
Description	Dimension	l mm	r mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Curved pipe guide	16	85	72	0,041	878 681 100	10	2,50
Curved pipe guide	20	110	90	0,070	878 681 200	10	3,80
Curved pipe guide	25	118	82	0,116	878 681 300	5	4,30

**PRINETO** Angle clip

For stabilizing 90 bends of flexible Nanoflex, plumbing, and heating pipes as far as for right-angled guidance of the surface heating pipes from below to heating circuit manifold.

Material: high temperature resisted, glass fiber reinforced nylon

Description	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/Stk.
Angle clip for pipes up to 17	95	0,022	878 681 150	10	1,95
Angle clip for pipes up to 21	140	0,060	878 681 250	10	2,90

**PRINETO** Clamp with fixing point

For fixing the fitting behind fitting collar, with rubber and insulating washers for a safe and sound-decoupled fixing on the wall (key head screws  $\varnothing$  8mm necessary). Material: steel, partly galvanized

Description	Weight kg/pc.	Art.-no.	Pack qty	€/Stk.
Fix point clip 25	0,279	878 680 100	10	10,65
Fix point clip 32	0,305	878 680 110	10	10,65

## PRINETO Fittings case



Sturdy fittings case with 3 handles for the building site, for the clearly organised storage and transportation of the most important fittings 16 and 20, as well as the sliding sleeves 16 and 20, partitioned into 18 plastic compartments filled with fittings, 9 additional partitions for further subdivision to a maximum of 27 compartments are enclosed.  
 Dimensions: 580 x 405 x 125 mm  
 Material: galvanised sheet steel

Contains:

- 100 sliding sleeves 16
- 100 sliding sleeves 20
- 10 wall angles short 16-Rp 1/2
- 10 angle transitions with internal thread 16-Rp 1/2
- 10 angle transitions with external thread 16-R 1/2
- 10 transitions with internal thread 16-Rp 1/2
- 10 transitions with external thread 16-R 1/2
- 10 transitions with external thread 20-R 3/4
- 10 couplers 16
- 10 couplers 20
- 10 angles 16
- 10 angles 20
- 10 tees 16
- 10 tees 20
- 10 tees 16-20-16
- 10 tees 20-16-16
- 10 tees 20-16-20
- 10 tees 20-20-16

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Fittings case 16-20 "Stabil", filled	26,000	878 900 001	1	1.310,00
Fittings case 16-20 "Cuphin", filled	26,000	878 900 004	1	1.648,00

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PRINETO Price list

## PRINETO Fittings case, empty



Sturdy fittings case with 3 handles for the building site, for the clearly organised storage and transportation of the most important fittings and sliding sleeves (or for screws and dowels, for example), partitioned into 9 plastic compartments and with 18 additional partitions for further subdivision to a maximum of 27 compartments.  
 Dimensions: 580 x 405 x 125 mm  
 Material: galvanised sheet steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Fitting case empty	10,000	878 900 000	1	214,00

# Polymer fitting program PPSU

Thanks to the material's excellent hygiene properties and resistance, our new PPSU **PRINETO** fittings are eminently suited for durable drinking water systems ensuring impeccable hygienic conditions, especially in regions with aggressive water quality.

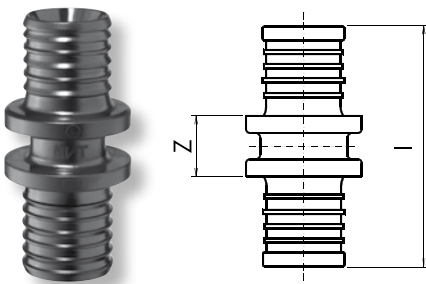
Special advantage: All PPSU **PRINETO** fittings can be combined with the usual **PRINETO** sliding sleeves and all **PRINETO** PE-X pipes and Stabil pipes. They can be handled by the same tools as for our **PRINETO** brass fittings.

Special features of the **PRINETO** fittings made of PPSU:

- Hygienic (corrosion-resistant and lead-free)
- Robust and durable
- Low weight for easy handling
- Compatible with **PRINETO** tools
- Applicable with the **PRINETO** sliding sleeves
- Can be combined with all **PRINETO** pipe types and **PRINETO** brass fittings



## **PRINETO** Coupler PPSU

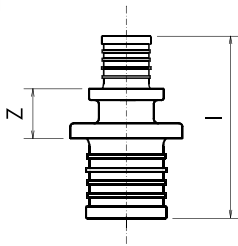


For connecting PE-X, Nanoflex and Stabil multilayer pipes.  
Material: PPSU

Description	Dim.	z mm	l mm	Weight kg/piece	Art.-no.	Pack qty	€/pc.
Coupler	16	15	45	0,006	878 240 110	10	3,35
Coupler	20	16	52	0,010	878 240 220	10	4,85
Coupler	25	18	62	0,017	878 240 330	10	7,00
Coupler*	32	19	73	0,028	878 240 440	5	8,80



## PRINETO Reducing coupler PPSU



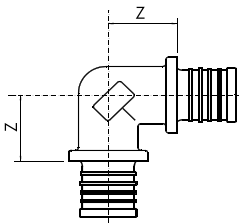
For connecting PE-X, Nanoflex and Stabil multilayer pipes.  
Material: PPSU

Description	Dim.	z mm	l mm	Weight kg/piece	Art.-no.	Pack qty	€/pc.
Reducing coupler	20-16	15,5	41,5	0,008	878 240 210	10	3,90
Reducing coupler	25-16	17	54	0,011	878 240 310	10	6,20
Reducing coupler	25-20	17,5	57,5	0,013	878 240 320	10	6,70
Reducing coupler*	32-25	18,5	67,5	0,022	878 240 430	10	8,50

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PRINETO Price list

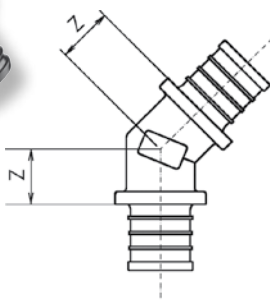
## PRINETO Angle 90° PPSU



For connecting PE-X, Nanoflex and Stabil multilayer pipes.  
Material: PPSU

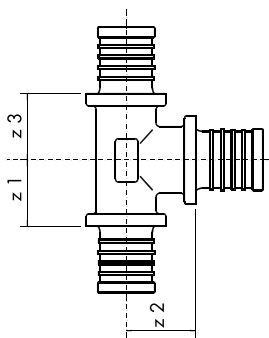
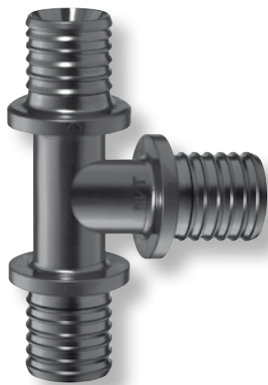
Description	Dim.	z mm	Weight kg/piece	Art.-Nr.	Pack qty	€/pc.
Angle 90°	16	21	0,009	878 274 110	10	4,40
Angle 90°	20	23,5	0,016	878 274 220	10	6,20
Angle 90°	25	28	0,027	878 274 330	10	9,45
Angle 90°*	32	32	0,046	878 274 440	5	10,65

## PRINETO Angle 45° PPSU



For connecting PE-X, Nanoflex and Stabil multilayer pipes.  
Material: PPSU

Description	Dim.	z mm	Weight kg/piece	Art.-Nr.	Pack qty	€/pc.
Angle 45°	25	21	0,024	878 275 330	10	9,15
Angle 45°*	32	22,5	0,038	878 275 440	5	10,30

**PRINETO Tee PPSU**

For dividing or merging the flows. All connections for PE-X, Nanoflex and Stabil multilayer pipes  
Material: PPSU

Description	Dim.	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/piece	Art.-no.	Pack qty	€/pc.
Tee	16	21	21	21	0,013	878 260 111	10	4,85
Tee	16-20-16	23	21,5	23	0,017	878 260 121	10	5,80
Tee	20-16-16	21,5	23	21	0,016	878 260 211	10	5,80
Tee	20-16-20	21,5	23	21,5	0,019	878 260 212	10	6,10
Tee	20-20-16	23,5	23,5	23	0,020	878 260 221	10	7,00
Tee	20	23,5	23,5	23,5	0,022	878 260 222	10	6,70
Tee	20-25-20	26,5	25	26,5	0,029	878 260 232	10	8,50
Tee	25-16-20	22,5	26	22	0,024	878 260 312	10	8,30
Tee	25-16-25	23	26	23	0,028	878 260 313	10	8,40
Tee	25-20-20	24,5	26,5	24	0,028	878 260 322	10	8,60
Tee	25-20-25	24	27,5	24	0,032	878 260 323	10	8,60
Tee	25-25-20	27,5	28	27	0,034	878 260 332	10	11,30
Tee	25	28	28	28	0,038	878 260 333	10	9,15
Tee*	32-16-32	23,5	29	23,5	0,043	878 260 414	5	11,30
Tee*	32-20-32	25,5	30	30	0,047	878 260 424	5	11,70
Tee*	32-25-25	23,5	31,5	23	0,048	878 260 433	5	11,70
Tee*	32-25-32	28,5	31,5	28,5	0,054	878 260 434	5	13,20
Tee*	32	32	32	32	0,063	878 260 444	5	13,80

**PRINETO Lubricating cream for sliding sleeves**

Processing aid for reducing the sliding resistance during connection, Strength saving up to 50%. Particularly tested for sliding PPSU-Fittings, approved by DVGW, acc.to DIN EN 751-2 Arp and DIN 30660. Also certified by ÖVGW(Austria), SVGW(Switzerland) and DG (Denmark). Processing: lubricate the cream evenly and thinly onto the inner surface of the sliding sleeve

Description	Weight kg/piece	Art.-no.	Pack qty	€/Stk.
Lubricating cream for sliding sleeves	0,200	878 530 998	1	6,35

\* In order to get the connection easily done, we recommend to use PRINETO Lubricating cream (Art.-No. 878 530 998); It is a Must to apply this cream for making the connection of PRINETO Heating pipe Dimension 32.

## Heating installation accessories

The **PRINETO** heating installation system is an extension to the range covered by the drinking pipework system. It is based on the same range of fittings as used there, and is extended by special brass fittings for connecting to radiators. The EVOH-jacketed **PRINETO** heating pipes (red), the specially flexible **PRINETO** Nanoflex universal pipes (stainless-steel coloured) and **PRINETO** Stabil multilayer pipes (white) can be used for heating installation.. **PRINETO** Stabil multilayer pipes and **PRINETO** Nanoflex pipes are completely oxygentight. **PRINETO** heating pipes (red) are oxygen-tight in accordance with DIN 4726. **PRINETO** heating pipes correspond with the pipe series S 3.2 (from size Stabil 40 DVGW W 542) with pressure stage PN 20. Taking a feed temperature of 70° C, this corresponds with an operating pressure in excess of atmospheric of 10 bar for an operating duration of 50

years, with a safety factor of 1.5 (application class 4 and 5 in accordance with DIN EN ISO 15875). The **PRINETO** heating installation system extends to the nominal sizes DN 10, 12, 15, 20, 25, 32, 40 and 50.

The **PRINETO** radiator connecting system has a wide range of possibilities for carrying out a professional and attractive job of installing and connecting radiators. **PRINETO** is suitable both for renovating existing heating systems and the installation of new systems in both old and new buildings. If the unfinished floor is not available for laying the connecting pipes, the **PRINETO** skirting board system can be used. For laying pipes in the skirting, the **PRINETO** Stabil multilayer pipe is used exclusively, on account of its low rate of thermal expansion.

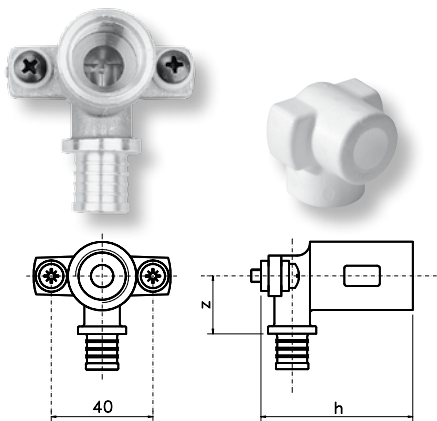
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### Highlights **PRINETO** radiator connecting system:

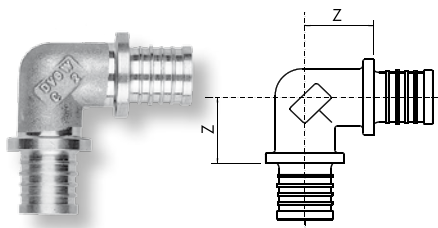
- an extension of the **PRINETO** plumbing system (only one tool required, lower storage costs)
- special fittings for the radiator connection
- **PRINETO** heating pipes (and **PRINETO** universal pipes) are oxygen-tight in accordance with DIN 4726
- laying is possible directly from the boiler to the radiator
- direct connection from the radiator with **PRINETO** Nanoflex pipe in stainless steel finish
- max. connection power 142 KW (at a spread of 15 K and 200 Pa/m) – thus also suitable for large buildings and industrial use
- in conjunction with heating water additives, can also be used for cooling buildings
- completely insulated crossing-tee pieces
- practical skirting board system for renovation in old buildings
- connection of all radiator types possible between 10 and 33
- no valve block/no curved connections required
- available up to size 25 for larger flows and heating performances
- optical perfection – all visible parts are nickel-plated



**PRINETO** Wall angle

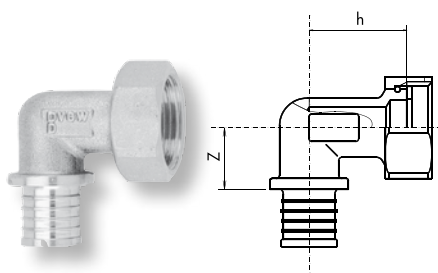
Tapping fitting for screwing in fittings, sound-insulated wall mounting by means of polyamide washers on the M 5 fastening screws (sound insulation only in conjunction with holders), for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes (wall angle 14 for Stabil multilayer and Nanoflex pipes).  
Material: dezincification-resistant brass, polyamide, steel  
Insulating cover material: extruded polystyrene

Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall angle	14-Rp1/2 short	29	44	0,152	878 650 001	10	8,30
Insulating cover for wall angle Rp 1/2				0,003	878 659 030	10	2,35

**PRINETO** Angle 90°

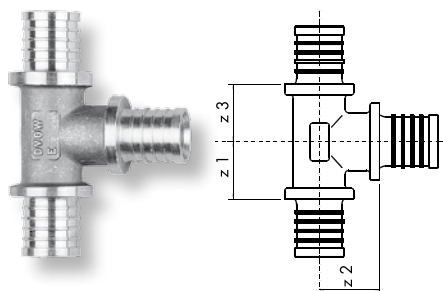
For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle	14	18	0,037	878 674 033	10	5,60

**PRINETO** Angle transition with internal thread

For angle connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with external R-thread.  
Material: dezincification-resistant brass

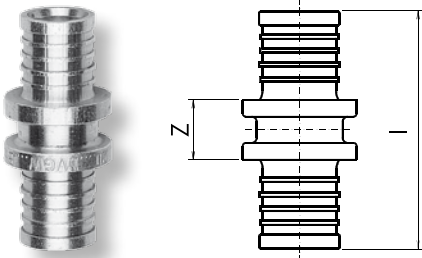
Description	Dimension	z mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle transition	14-G 1/2	21	32	0,008	878 673 050	10	10,50

**PRINETO** Tee

For dividing or merging the flows. All connections for plumbing, heating, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Abm.	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tee	14	16	18	16	0,050	878 660 000	10	6,10
Tee	16-14-14	16	18	16	0,054	878 660 100	10	6,10
Tee	16-14-16	16	18	16	0,058	878 660 101	10	6,35

## PRINETO Coupler



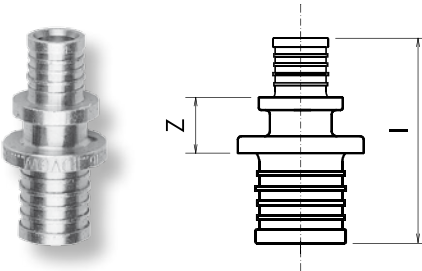
For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Dim.	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Coupler	14	12	38	0,020	878 640 000	10	4,00

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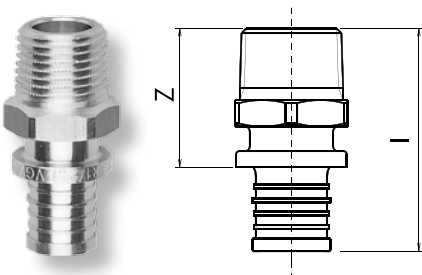
## PRINETO Reducing coupler



For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Dim.	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Reducing coupler	16-14	12	39	0,024	878 640 190	10	4,50

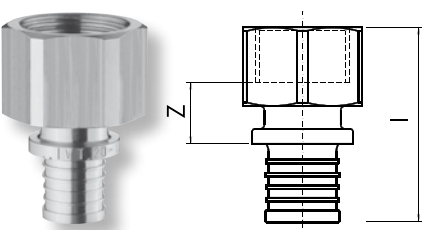
## PRINETO Transition with external thread



Transition with external R-thread for connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with internal Rp-thread.  
Material: dezincification-resistant brass

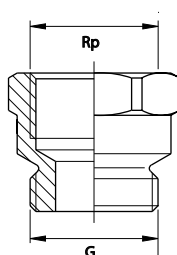
Description	Dim.	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	14-R 1/2	32	45	0,054	878 641 050	10	5,80

## PRINETO Transition with internal thread



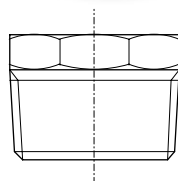
Transition with internal Rp-thread. For connecting heating, plumbing, Nanoflex or Stabil multilayer pipes to components with internal R-thread.  
Material: dezincification-resistant brass

Description	Dim.	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	14-Rp 1/2	12	42	0,074	878 642 050	10	6,60

**PRINETO** Transition Rp-G

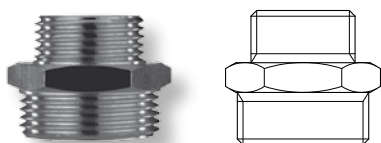
For the transition of external R-threads (e.g. steel pipes) to detachable screw connections with flat-sealing union nut.  
Material: dezincification-resistant brass

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	Rp 1/2-G 1/2 AG	0,070	878 643 055	2	6,45
Transition	Rp 3/4-G 3/4 AG	0,090	878 643 066	2	8,60
Transition	Rp 1-G 1 AG	0,120	878 643 077	2	13,20

**PRINETO** Transition R-Rp

Internal Rp-thread reduction of components (e.g. crossing with 32 from 40 conduit with angle transition 32-R1).  
Material: red brass

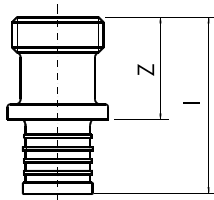
Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	R 1-Rp 3/4	0,071	878 386 091	1	4,75
Transition	R 1 1/4-Rp 1	0,135	878 386 090	1	5,90

**PRINETO** Reducing nipple

Reducing nipple G 3/4-G 1/2 for connecting flat-sealed heating components G 3/4 and G 1/2 with union nut.  
Material: brass

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Reducing nipple	G 3/4-G 1/2	0,050	878 386 064	5	4,00

## PRINETO Screw-in part



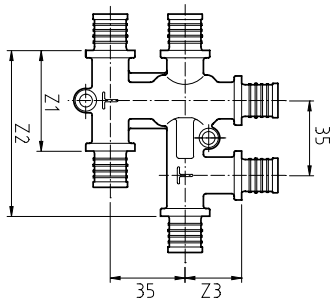
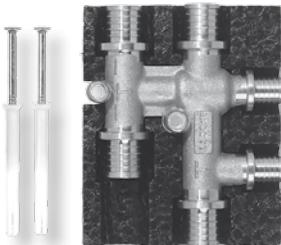
For the detachable connection of heating, plumbing, Nanoflex and Stabil multilayer pipes to flat-sealing components with G-union nut.  
Material: dezincification-resistant brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Screw-in part	16-G 1/2	23	37	0,036	878 643 159	10	5,20
Screw-in part	20-G 1/2	23,5	40,5	0,046	878 643 259	10	8,20
Screw-in part	20-G 3/4	23,5	40,5	0,054	878 643 269	10	8,50
Screw-in part	25-G 3/4	24	45	0,072	878 643 369	10	8,80
Screw-in part	25-G 1	26	47	0,094	878 643 379	10	10,20
Screw-in part	32-G 1	27	53	0,135	878 643 479	5	11,85
Screw-in part	32-G 1 1/4	28	54	0,156	878 643 489	5	18,30
Screw-in part	32-G 1 1/2	29	55	0,200	878 643 499	5	19,75

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PRINETO Price list

## PRINETO Crossing tee



For crossing pipelines without height difference, with insulating shells (50 % acc. to EnEV) made of EPP for heat and sound insulation, for heating and Nanoflex pipes or Stabil multilayer pipes, with screws and dowels for fixing to the unfinished floor. Height inc. insulation.  
Material: brass, polypropylene

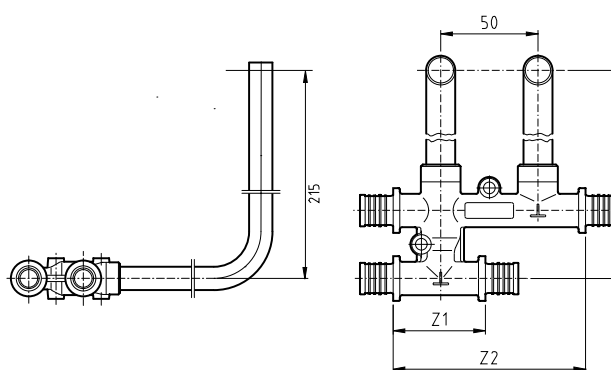
D.	Dim.	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Höhe mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
TT	16	39	71	19	34	0,230	878 370 030	1	37,50
TT	20-16-16	43	74	20	40	0,312	878 370 110	1	37,70
TT	20-16-20	44	74	23	37	0,322	878 370 040	1	38,20
TT	20	47	77,5	26,5	40	0,276	878 370 050	1	38,75
TT	25-20-20	52	82	33	47	0,506	878 370 120	1	40,40

## PRINETO Crossing tee L



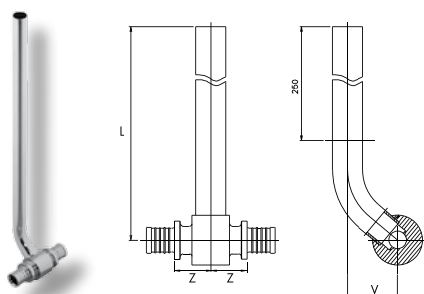
Fig.: Right version

With soldered connection elbows made of copper pipe 15 x 1 mm, for connecting closed circular pipelines in valve radiators (gauge size 50 mm) out of the floor (in conjunction with soft-sealing threaded connector 15 and valve block, through-way type), crossing to the right or left, with insulating shells (50 % acc. to EnEV) made of EPP for heat and sound insulation, for heating pipes and Nanoflex pipes or Stabil multilayer pipes, with screws and dowels for fixing to the unfinished floor, connection pipe 300 mm long. Height inc. insulation. Material: brass/copper, nickel-plated, polypropylene



Description	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	Höhe mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
TT	16-L15-16 right	44	97	40	0,561	878 370 070	2	48,40
TT	20-L15-20 right	47	98	40	0,644	878 370 080	2	51,60
TT	16-L15-16 left	44	97	40	0,571	878 370 170	2	48,40
TT	20-L15-20 left	47	98	40	0,623	878 370 180	2	51,60

## PRINETO Offset tee connecting piece



For connecting closed circular radiator pipelines out of the floor with heating and Nanoflex pipes or Stabil multilayer pipes (for valve radiators in conjunction with soft-sealing threaded connector 15 and valve block, through-way type).

Material: brass, nickel-plated copper

Description	Dimension	z mm	l mm	V mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
T	16-15/300-16	18,2	300	25	0,200	878 316 110	10	21,10
T	20-15/300-20	18,2	300	26	0,230	878 312 330	10	24,10



## PRINETO Radiator connection box Stabil 16, double



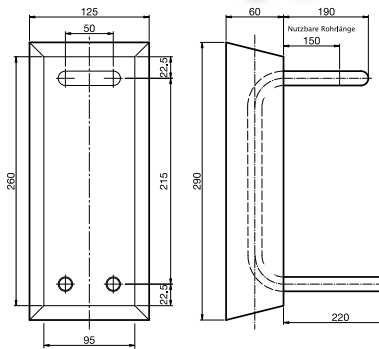
For connecting radiators (gauge size 50 mm) fixed to the wall (radiator connections in conjunction with transitions 16-V Euro or clamp screw connections Stabil 16-V Euro and valve block, corner type; pipe connections in conjunction with couplers size 16), consisting of rigid foam block with mounting straps and U connection elbows made of Stabil multilayer pipe 16, insulated 100 % acc. to EnEV.

Material: Stabil multilayer pipe, polyurethane

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Radiator connection box	0,458	878 312 440	1	32,20

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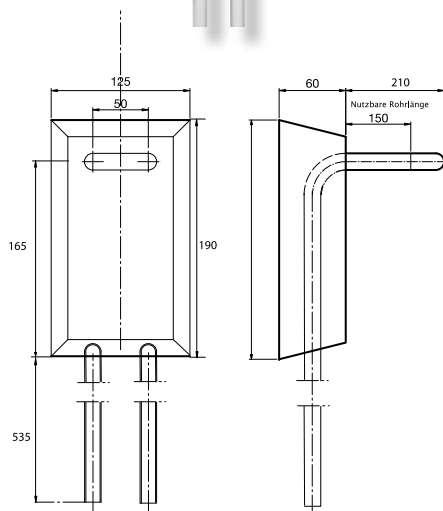
## PRINETO Radiator connection box Stabil 16, double variable



For connecting radiators (gauge size 50 mm) fixed to the wall at variable height (radiator connections in conjunction with transitions 16-V Euro or clamp screw connections Stabil 16-V Euro and valve block, corner type; pipe connections in conjunction with couplers size 16), consisting of rigid foam block with mounting straps and L connection elbows made of Stabil multilayer pipe 16, insulated 100 % acc. to EnEV.

Material: Stabil multilayer pipe, polyurethane

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Radiator connection box	0,389	878 312 450	1	30,70

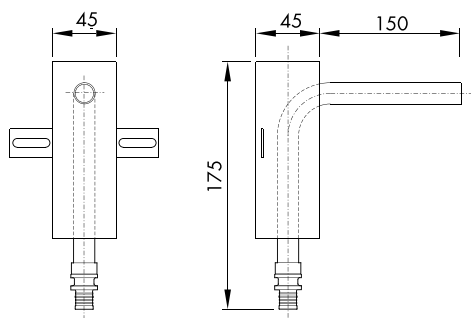


## PRINETO Radiator connection box, single variable



Radiator connection box, variable, single, 16-L 15 for connecting single radiators fixed to the wall at variable height (single supply and return flow) to heating pipe and Nanoflex pipe 16 or Stabil multilayer pipe 16, consisting of rigid foam block and L connection elbow 15 x 1, DN 12, insulated 100 % acc. to EnEV.  
Material: brass/copper nickel-plated, polyurethane

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Radiator connection box	0,210	878 312 410	1	36,60

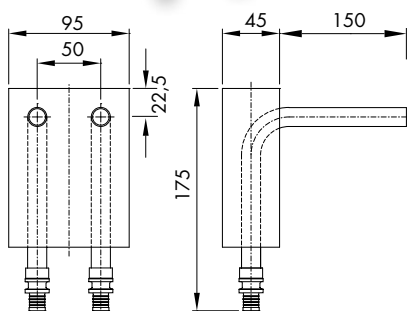


## PRINETO Radiator connection box, double variable



Radiator connection box, variable, double, 16-L 15 for connecting valve radiators (gauge 50 mm) fixed to the wall at variable height to heating pipe and Nanoflex pipe 16 or Stabil multilayer pipe 16, consisting of rigid foam block and L connection elbow 15 x 1, DN 12, insulated 100 % acc. to EnEV.  
Material: brass/copper nickel-plated, polyurethane

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Radiator connection box	0,338	878 312 420	1	44,20



## PRINETO Radiator connection box, double



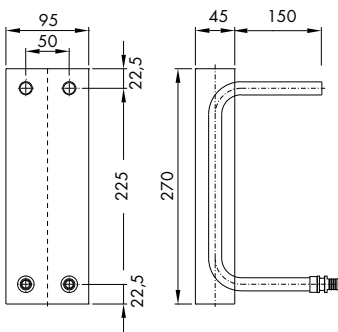
Radiator connection box, variable, double, 16-U 15 for connecting valve radiators (gauge 50 mm) fixed to the wall at variable height to heating pipe and Nanoflex pipe 16 or Stabil multilayer pipe 16, flexible radiator height, consisting of rigid foam block and U connection elbow 15 x 1, DN 12, insulated 100 % acc. to EnEV.

Material: brass/copper nickel-plated, polyurethane

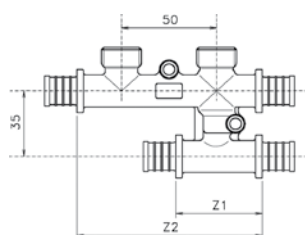
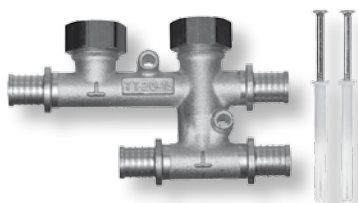
Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Radiator connection box	0,566	878 312 430	1	48,40

2

PRINETO Price list



## PRINETO Crossing tee for skirting board

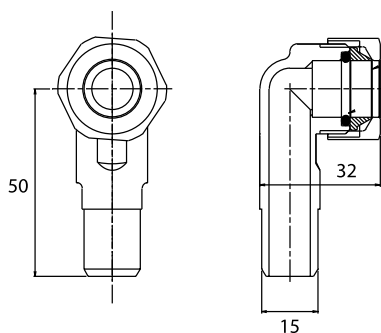


For connecting valve radiators (gauge size 50 mm) from the skirting board with Stabil multilayer pipes, with cutting ring connection 15 mm for connection elbow and shut-off angle valve or skirting board L or S connection elbows, for wall mounting with screws, dowels and plastic step washers for sound insulation. Tightening torque 60–70 Nm.

Material: brass, EPDM

D.	Dimension	z <sub>1</sub> mm	z <sub>2</sub> mm	DN mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
TT	16-V15-16	44	98	12	0,374	878 370 010	1	35,50
TT	20-V15-20	47	99	15/12	0,443	878 370 020	1	39,80
TT	25-V15-25	59	105	20/12	0,573	878 370 060	1	45,50

## PRINETO Angle connection for skirting board

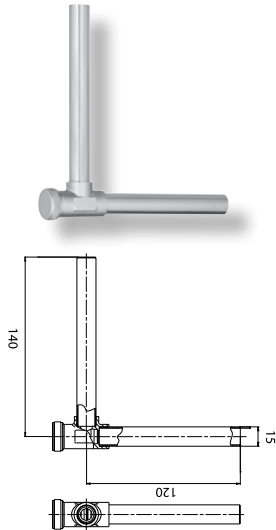


For the connection of crossing tee pieces for skirting boards to valve radiators (in conjunction with shut-off angle valves and soft-sealing threaded connectors 15), with cutting ring connection 15 mm, tightening torque 60-70 Nm.

Material: brass, EPDM

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle connection	0,113	878 370 009	1	7,50

## PRINETO Shut-off angle valve for skirting board



Shut-off valve for the connection of crossing tee pieces for skirting boards to valve radiators (in conjunction with angle connections and soft-sealing threaded connectors 15, no valve block required!), with connection pipes 15 x 1 mm, tightening torque 60-70 Nm.

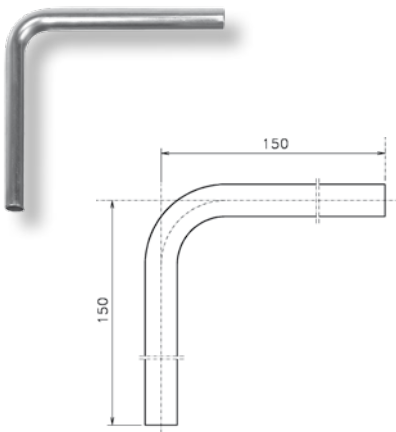
Material; copper, chrome-plated, brass, EPDM

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Shut-off angle valve	0,182	878 386 052	2	23,90

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PRINETO Price list

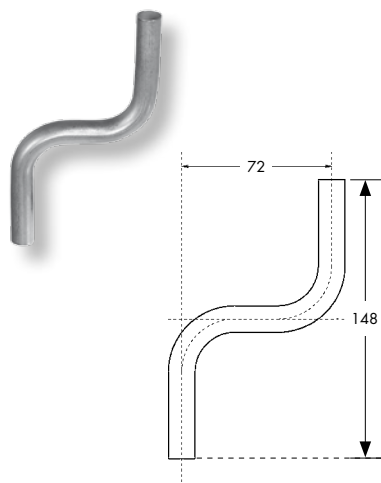
## PRINETO Connection elbow L for skirting board



For connecting skirting board tees to the radiator (for valve radiators in conjunction with soft-sealing threaded connectors 15 and valve block, corner type), stainless steel pipe 15 x 1 mm, DN 12.

Material: stainless steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Connection elbow L	0,096	878 312 150	10	7,40

**PRINETO** Connection elbow S for skirting board

For connecting of the skirting board tees to the heater (for radiators in conjunction with soft-sealing screw connection 15 and valve block, throughway type), stainless steel pipe 15 x 1 mm, DN 12.

Material: stainless steel

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Connection elbow S	0,072	878 312 160	10	7,60

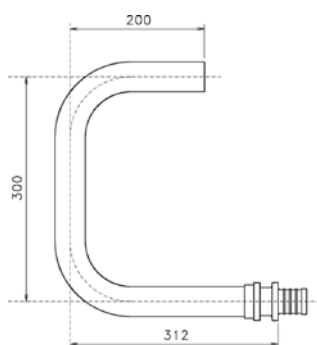
**PRINETO** Connection elbow U

For connecting radiators out of the wall with heating and Nanoflex pipes 16 or Stabil multilayer pipes 16 (for valve radiators in conjunction with soft-sealing threaded connector 15 and valve block, corner type).

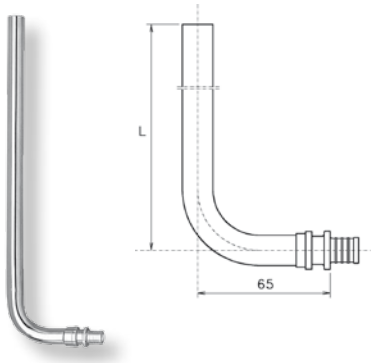
Copper pipe 15 x 1 mm, DN 12.

Material: brass/copper nickel-plated

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Connection elbow	16-U 15	0,320	878 312 100	10	20,15



## PRINETO Connection elbow L



For connecting radiators out of the floor with heating and Nanoflex pipes or Stabil multilayer pipes (for valve radiators in conjunction with soft-sealing threaded connector and valve block, through-way type).

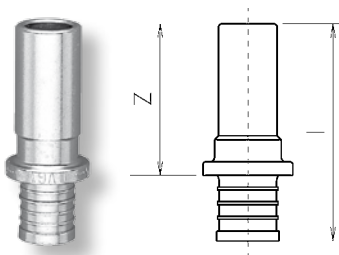
Material: brass, nickel-plated copper pipe, except for art.-no. 878 312 111: bright copper pipe (without nickel plating)

Description	Dimension	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Connection elbow	16-L 15/300	300	0,158	878 312 110	10	13,30
Connection elbow	16-L 15/1100	1100	0,467	878 312 120	10	26,80
Connection elbow	20-L 18/300	300	0,190	878 312 300	10	29,00
Connection elbow, bright	16-L 15/300	300	0,156	878 312 111	10	10,65

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PRINETO Price list

## PRINETO Transition Euro-cone



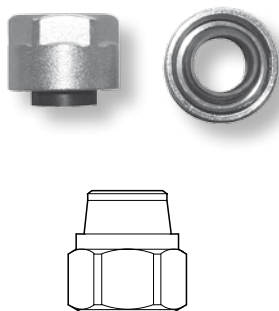
For soft-sealing connection of heating pipes, Nanoflex pipes or Stabil multilayer pipes to Euro-cone 3/4" external thread, in conjunction with softsealing threaded connector.

Material: nickel-plated brass

**Note:**  
unsuitable for radial pressing!

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	16-Euro 15	30	45	0,036	878 343 110	10	4,50

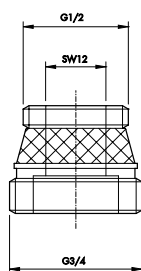
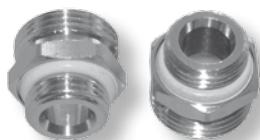
## PRINETO Threaded connector, soft-sealing



Threaded connector, soft-sealing, V Euro. For connecting copper and stainless steel pipes 15 x 1 or 18 x 1 with Euro-cone 3/4" external threads, tightening torque 40-50 Nm. Deburr pipe after cutting to length!

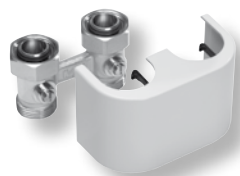
Material: nickel-plated brass, EPDMM

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Threaded connector	15-V Euro	0,057	878 386 047	2	5,50
Threaded connector	18-V Euro	0,039	878 386 016	2	6,20

**PRINETO** Connection nipple

Connection nipple Euro 3/4-G 1/2, transition from internal 1/2" thread to components with Euro-cone union nut (e.g. from valve block to radiator), thread 1/2" self-sealing, Euro-cone external thread acc. to DIN V 3838. Material: brass, EPDM

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Connection nipple	Euro 3/4-G1/2	0,051	878 386 065	2	3,10

**PRINETO** Valve block, through-way type

Shut-off connection fitting for valve radiators with gauge size 50 mm, for dual pipe systems, for connection out of the floor, with 3/4" Euro-cone external thread connections and union nuts, flat-sealing with separate cone part, Euro-cone external thread acc. to DIN V 3838. Material: nickel-plated brass, EPDM

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Valve block, through-way type	Euro 3/4	0,304	878 386 048	1	19,10
Design trim, through-way type		0,093	878 386 241	1	9,40

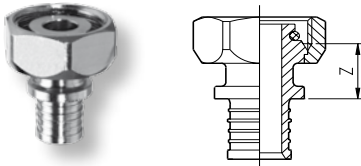
**PRINETO** Valve block, corner type

Shut-off connection fitting for valve radiators with gauge size 50 mm, for dual pipe systems, for connection out of the wall, with 3/4" Euro-cone external thread connections and union nuts, flat-sealing with separate cone part, Euro-cone external thread acc. to DIN V 3838. Material: nickel-plated brass, EPDM

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Valve block, corner type	Euro 3/4	0,279	878 386 049	1	19,10
Design trim, corner type		0,049	878 386 242	1	9,40



## PRINETO Transition with Euro-cone screw



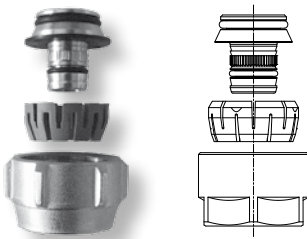
For the direct connection of heating and Nanoflex or Stabil multilayer pipes to Euro-cone 3/4" external thread.  
Material: nickel-plated brass, EPDM

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	14-V Euro	20,5	0,068	878 343 320	2	7,00
Transition	16-V Euro	20	0,076	878 343 120	2	6,70
Transition	20 x 2,8-V Euro	21	0,078	878 343 220	2	6,80

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PRINETO Price list

## PRINETO Clamp/screw-in Euro-cone for Stabil multilayer pipe V Euro

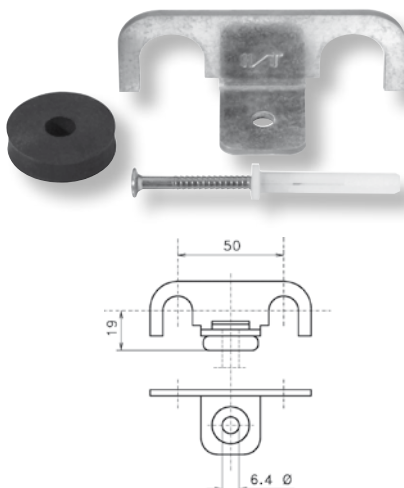


For the direct connection of Stabil multilayer pipe to Euro-cone 3/4" external thread, tightening torque 40-50 Nm – deburr and calibrate the pipe after cutting to length! – consisting of Euro cone with supporting body, clamp ring and union nut.

Material: brass, EPDM, polyamide

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Clamp/screw-in Euro-cone	14-V Euro	0,068	878 386 017	2	5,00
Clamp/screw-in Euro-cone Stabil	Stabil 16-V Euro	0,058	878 386 092	2	6,40

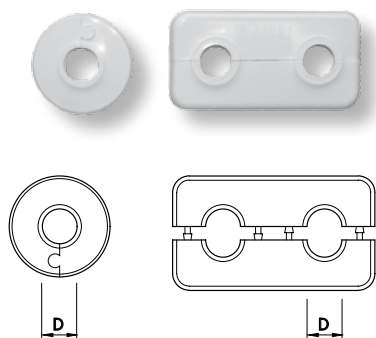
## PRINETO Fixed-point clamp for connection elbows L and U



For fixing radiator connection elbows 16-L and U and 20-L to the unfinished floor, gauge size 50 mm, with rubber damper washer for sound insulation, screw and dowel for fastening.

Material: partial galvanised steel

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Fixed-point clamp	16	0,058	878 380 120	10	3,80
Fixed-point clamp	20	0,058	878 380 130	10	3,80

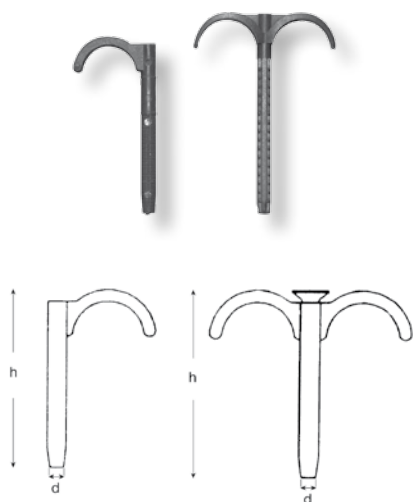
**PRINETO** Cover rosette

Cover rosettes single and double for covering the wall and floor outlets of radiator connection elbows or pipes, with safety clip, temperature-resistant up to 110°C.

Colour: white

Material: polypropylene

Description	Dimension	d mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Cover rosette	15 einfach	15	0,002	878 384 100	10	0,45
Cover rosette	15 doppelt	15	0,008	878 384 110	10	1,10
Cover rosette	16 einfach	16	0,002	878 384 200	10	0,45
Cover rosette	16 doppelt	16	0,008	878 384 220	10	1,10
Cover rosette	17 doppelt	17	0,008	878 384 240	10	1,60

**PRINETO** Dowel hook

For fixing one or two insulated pipes to the unfinished floor, to be driven into a 8 mm hole without dowel.

Material: polyamide

Description	d mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Dowel hook single	8	91,5	0,008	878 683 300	100	0,70
Dowel hook double	8	108,5	0,009	878 683 400	100	0,85

## Surface heating/cooling installation accessories

The **PRINETO** surface heating system is the expansion of the **PRINETO** heating system and is based on the fitting system used there. With the **PRINETO** surface heating system both wet-laid and dry-laid surface heating can be installed (e.g. in the renovation of older buildings). Pipes can be fixed in place either using tacker needles, the **PRINETO** fixing rail, the **PRINETO** knobbed board or in the **PRINETO** grooved elements (dry laying). Either stainless-steel coloured **PRINETO** Nanoflex surface heating pipes (tacker system, knobbed board and fixing rail), grey **PRINETO** surface heating pipes or **PRINETO** Stabil multilayer pipes (especially for dry laying) can be used. All **PRINETO** surface heating pipes are oxygen-tight according to

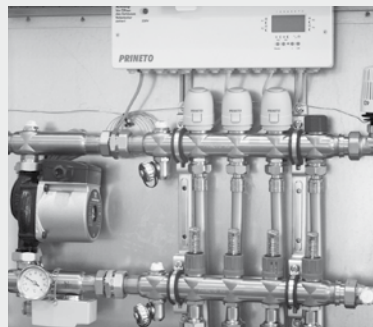
DIN 4724 or 4726 respectively. There is a special fittings range available for the **PRINETO** surface heating pipes, e.g. for direct connection to the distributor. The widening tool for the **PRINETO** sliding sleeve connection, **PRINETO** clamp/screw-in fittings are available for connection to the heating circuit distributor. For the **PRINETO** surface heating pipes, there is a matching fitting range, for example for direct connection to the distributor. The **PRINETO** surface heating system is suitable for a wide range of applications: residential and commercial properties, open spaces, sports facilities, public buildings, etc...

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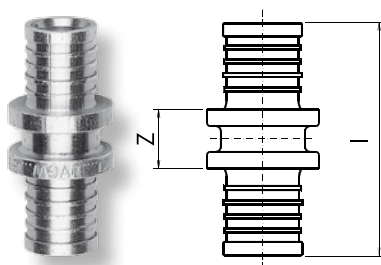
PRINETO Price list

### Highlights **PRINETO** surface heating/cooling system:

- for wet and dry-laying
- laying can be completed without tools
- unique: self-adhesive **PRINETO** tacker foil
- **PRINETO** Nanoflex surface heating pipe: completely oxygen-tight
- **PRINETO** dry system for particularly shallow depths
- **PRINETO** system fixing for reliable connection to the distributor
- complete control technology for surface heating and cooling
- mechanical individual room thermostats as a low-cost alternative



### **PRINETO** Coupler

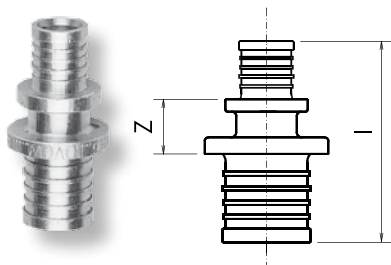


For connecting surface heating pipes.  
Material: brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Coupler	12	12	38	0,016	878 340 220	10	3,80
Coupler*	16 x 2,0	12	40	0,058	878 340 449	1	7,70
Coupler	17	12	40	0,030	878 340 550	1	5,30

\* includes two sliding sleeves

## PRINETO Reducing coupler



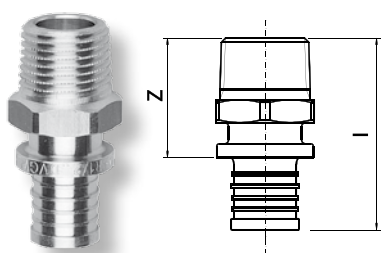
For connecting surface heating pipes to Nanoflex, Stabil multilayer or surface heating pipes.

Material: brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Reducing coupler	16-12	12	38	0,023	878 640 180	10	4,30
<b>NEW!</b> Reducing coupler*	16-16x2,0	12	40	0,057	878 340 149	1	7,70
Reducing coupler	17-16	12	40	0,030	878 340 540	1	5,90
Reducing coupler	20-17	13	44	0,039	878 340 250	1	5,80
<b>NEW!</b> Reducing coupler*	17-16x2,0	12	40	0,057	878 340 549	1	7,90

\* includes two sliding sleeves

## PRINETO Transition with external thread



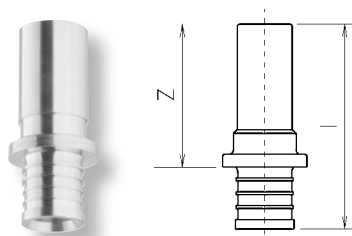
For connecting surface heating pipes to units with internal Rp-thread,

Material: brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	17-R1/2	32	46	0,052	878 341 150	10	6,60
Transition*	16 x 2,0-R 1/2	32	46	0,067	878 341 459	1	7,50

\* includes a sliding sleeves (878 530 100)

## PRINETO Transition for radial pressing



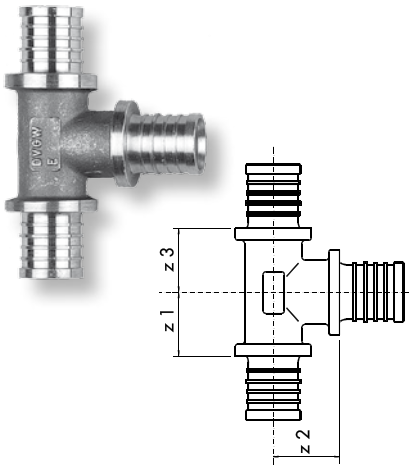
System transition surface heating pipe to insertion end, for soft-sealing screw attachment or radial pressing in fittings (external diameter of insertion end of fittings such as precision steel pipes in accordance with EN ISO 1127 or DIN 2391 T1 and DIN 2394 T1).

Material: V4A stainless steel

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Press-type transition	14-P 15	38	51	0,026	878 643 090	10	9,11
Press-type transition	17-P 15	38	52	0,027	878 343 591	10	9,45
Press-type transition*	16x2,0-P 15	38	52	0,042	878 343 492	1	10,30

\* includes a sliding sleeves (878 530 100)

## PRINETO Tee



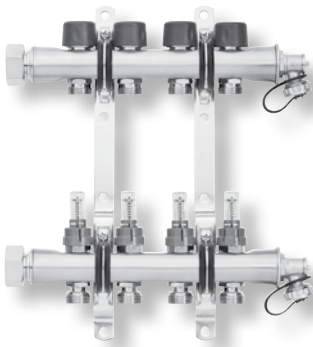
Tee 20-17-20 for dividing or merging the flow for underfloor heating (e.g. when MIC is used), for heating, Nanoflex or Stabil multilayer pipes 20 to the outlet with surface heating pipe 17.  
Material: brass

Description	z <sub>1</sub> mm	z <sub>2</sub> mm	z <sub>3</sub> mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
T 20 x 2,8-17-20 x 2,8	21,5	16,5	21,5	0,089	878 360 252	2	7,60

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PRINETO Price list

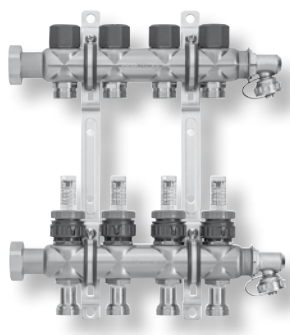
## PRINETO Heating circuit distributor incl. Flowmeter



For distributing, shutting off and regulating the heated water flow to surface heating circuits, to make hydraulic balancing and optical control of volume flow easier, consisting of: distribution manifold made of stainless steel pipe, screw connection with union nut G 1 flat-sealing (suitable for ball valve, please order separately), filling and draining valve 1" with Euro-cone 3/4" AG external thread, 2 sound-insulated distributor holders, heating circuit distributors with Euro-cone 3/4" external thread acc. to DIN V 3838, max. operating temperature 70 °C, max. operating pressure 4bar, test pressure 6 bar, return flow with thermostat valve inserts and manual control cap (connection thread M 30x1,5 kvs 3,15 m<sup>3</sup>/h, for later installation of the electric actuators 230 V), supply flow with integrated and shut-off valves acc. to DIN EN 1264-4 (0,5 - 5 l/min., kvs 1,1 m<sup>3</sup>/h, for hydraulic balancing), material: stainless steel 1.4301, nickel-plated brass, polyamide, EPDM

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Heating distributor incl. Flowmeter 3-fold	1,940	878 386 001	1	156,00
Heating distributor incl. Flowmeter 4-fold	2,240	878 386 002	1	182,00
Heating distributor incl. Flowmeter 5-fold	2,440	878 386 003	1	213,00
Heating distributor incl. Flowmeter 6-fold	2,950	878 386 004	1	244,50
Heating distributor incl. Flowmeter 7-fold	3,150	878 386 005	1	275,50
Heating distributor incl. Flowmeter 8-fold	3,550	878 386 006	1	303,50
Heating distributor incl. Flowmeter 9-fold	3,850	878 386 007	1	338,00
Heating distributor incl. Flowmeter 10-fold	4,040	878 386 008	1	369,00
Heating distributor incl. Flowmeter 11-fold	4,340	878 386 009	1	397,00
Heating distributor incl. Flowmeter 12-fold	4,640	878 386 010	1	421,00

## PRINETO Heating circuit distributor with flow meter



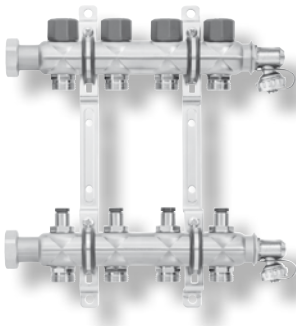
Heating circuit distributor with flow meter (flow volume indicator). For distributing, shutting off and regulating the heated water flow to surface heating circuits, to make hydraulic balancing and optical control of volume flow easier, consisting of: distribution manifold made of stainless steel pipe 35 x 1.5 with end plugs, screw connection with union nut G 1 flat-sealing (suitable for ball valve, please order separately), filling and draining valve 3/4" with Euro-cone 3/4", 2 sound-insulated distributor holders, heating circuit distributors with Euro-cone 3/4" external thread acc. to DIN V 3838, max. operating temperature 90°C, max. operating pressure: 6 bar, return flow with Oventrop thermostat valve inserts (connection thread M 30 x 1.5, kvs 2.56 m<sup>3</sup>/h, for later installation of the electric actuators 230 V) and manual control cap, supply flow with integrated, shut-off Regolux volume flow indicators (0.5-5 l/min, kvs 1.12 m<sup>3</sup>/h, for hydraulic balancing).

Material: stainless steel 1.4301, nickel-plated brass, polyamide, EPDM

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Heating circuit distributor 3-fold inc. flow meter	2,466	878 386 116	1	175,00
Heating circuit distributor 4-fold inc. flow meter	2,847	878 386 117	1	207,50
Heating circuit distributor 5-fold inc. flow meter	3,088	878 386 118	1	244,00
Heating circuit distributor 6-fold inc. flow meter	3,703	878 386 119	1	284,50
Heating circuit distributor 7-fold inc. flow meter	4,093	878 386 120	1	324,50
Heating circuit distributor 8-fold inc. flow meter	4,469	878 386 121	1	364,00
Heating circuit distributor 9-fold inc. flow meter	4,989	878 386 122	1	403,50
Heating circuit distributor 10-fold inc. flow meter	5,500	878 386 123	1	441,50
Heating circuit distributor 11-fold inc. flow meter	6,000	878 386 124	1	479,00
Heating circuit distributor 12-fold inc. flow meter	6,500	878 386 125	1	527,00
Flow meter insert* (for supply flow)	0,160	878 386 159	1	20,15
Thermostat valve insert (for return flow)	0,070	878 386 054	1	6,80

\*Application with Euro-cone connecting nipple

## PRINETO Heating circuit distributor with regulation valve



For distributing, shutting off and regulating the heated water flow to surface heating circuits, consisting of: 2 distribution manifolds made of stainless steel pipe 35 x 1.5 with end plugs, screw connection with union nut G1 flat-sealing (suitable for ball valve, please order separately), filling and draining valve 3/4" with Euro-cone 3/4", 2 sound-insulated distributor holders, heating circuit distributors with Euro-cone 3/4" external thread acc. to DIN V 3838, max. operating temperature 80°C, max. operating pressure: 10 bar, return flow with Oventrop thermostat valve inserts (connection thread M 30 x 1.5, kvs 2.56 m3/h, for later installation of the electric actuators 230 V) and manual control cap, supply flow with integrated control and shut-off valves (kvs 2.88 m3/h, for hydraulic balancing). Material: stainless steel 1.4301, nickel-plated brass, polyamide, EPDM

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PRINETO Price list

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Heating circuit distributor 3-fold	2,342	878 386 106	1	154,00
Heating circuit distributor 4-fold	2,797	878 386 107	1	179,00
Heating circuit distributor 5-fold	3,066	878 386 108	1	208,00
Heating circuit distributor 6-fold	3,476	878 386 109	1	233,00
Heating circuit distributor 7-fold	3,905	878 386 110	1	262,00
Heating circuit distributor 8-fold	4,261	878 386 111	1	290,00
Heating circuit distributor 9-fold	4,480	878 386 112	1	324,50
Heating circuit distributor 10-fold	4,995	878 386 113	1	353,50
Heating circuit distributor 11-fold	5,250	878 386 114	1	381,50
Heating circuit distributor 12-fold	5,500	878 386 115	1	405,50
Flow meter insert* (for supply flow)	0,072	878 386 055	1	5,90
Thermostat valve insert (for return flow)	0,075	878 386 054	1	6,80

## PRINETO Thermostat set FBH Yonos Para

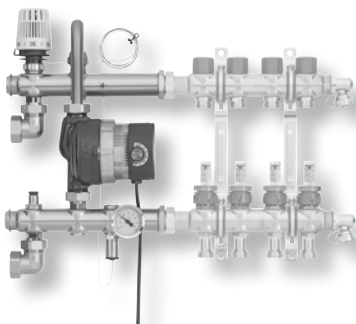
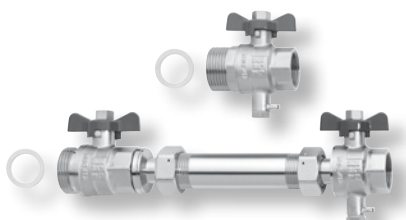


fig. similar

Thermostat set FBH EcoFloor T55, unit with circulation pump, thermostat controller and safety overhear protector for the controlled direct connection of low-temperature underfloor heating circuits to high-temperature heating systems (supplementary set for fitting to **PRINETO** heating circuit distributor 3-fold to 12-fold with distributorspacing 200 mm, no separate ball valves required), consisting of: circulation pump Laing Wilo Yonos Para, regulation valve in return, Heimeier, Heimeier thermostat head K (control range 20-50°C) with immersion sensor, safety overhear protector, non-return valve, thermometer 0-80°C, for .

Bezeichnung	Gewicht kg/Stück	Art.-Nr.	VE	€/Stk.
Thermostat set FBH Yonos Para	5,000	878 386 246	1	925,00

## PRINETO Connection assembly for heat meter, horizontal

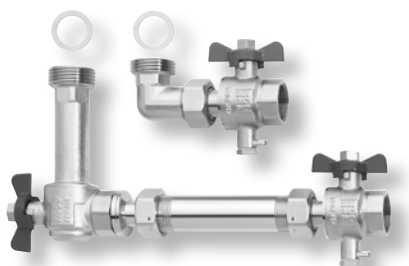


Connection assembly for heat meter MID conform horizontal 3/4", component with fitting element for subsequent enhancement of a heat meter 110 mm 3/4" QN 1.5 m<sup>3</sup>/h to the heating circuit distributors of the underfloor heating.

Supply flow: Ball valve Rp 3/4 G 1 flat-sealing with installation point for direct measurement sensor. Return flow: Ball valve Rp 3/4 G 1 flat-sealing with transfer to G 3/4 union nut, flat-sealing, double nipple 110 mm G 3/4 nickel-plated, ball valve Rp 3/4-G 3/4 union nut flat-sealing with installation point for direct measuring sensor, including seals.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Connection assy. for heat meter horizontal	1,390	878 386 276	1	100,50
Adapter heat meter MID conform 6 mm sensor	0,014	878 386 278	1	6,80

## PRINETO Connection assembly for heat meter, vertical



Connection assembly for heat meter MID conform vertical 3/4", component with fitting element for subsequent enhancement of a heat meter 110 mm 3/4" QN 1.5 m<sup>3</sup>/h on the heating circuit distributors of the underfloor heating.

Supply flow: angle 90° degree with G 1 flat-sealing and G 3/4 flat-sealing, Ball valve Rp 3/4-G 3/4 union nut flat-sealing with installation point for direct measurement sensor

Return flow: Corner ball valve Rp 3/4-G1 flat-sealing with transfer to G 3/4 union nut, flat-sealing, double nipple 110mm G 3/4 nickel-plated, ball valve Rp 3/4-G 3/4 union nut flat-sealing with installation point for direct measuring sensor, including seals.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Connection assy. for heat meter vertical	1,704	878 386 277	1	117,50
Adapter heat meter MID conform 6 mm sensor	0,014	878 386 278	1	6,80

## PRINETO Contact thermometer

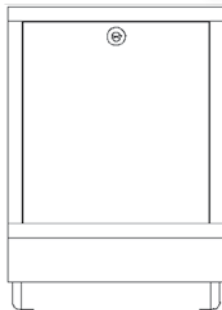


Dial thermometer for attaching to the heating circuit distributor, measuring range 0-60°C, Ø 63 mm, tension spring for attachment.

Description	D mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Contact thermometer 0-60°C	63	0,063	878 386 036	1	14,85



## PRINETO Distributor cabinet, recessed



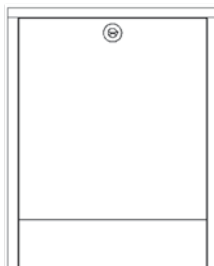
Recessed distributor cabinet, foldable, to enclose the heating circuit distributor and control components, installation on the unfinished floor recessed, flush with the wall, with rails and screws for distributor mounting, with cardboard cover for plastering work, with mounting screws for easy installation of the terminal strip; frame, door and screed baffle plate white painted finish RAL 9010. Delivery condition: unfolded  
Material: steel sheet, galvanised or painted

Description	Width mm	Height mm	Depth mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Distributor cabinet rec., 1	430	655-820	110	10,000	878 386 022	1	134,00
Distributor cabinet rec., 2	485	655-820	110	11,000	878 386 023	1	142,50
Distributor cabinet rec., 3	570	655-820	110	11,500	878 386 024	1	160,00
Distributor cabinet rec., 4	720	655-820	110	14,000	878 386 025	1	165,50
Distributor cabinet rec., 5	875	655-820	110	16,500	878 386 026	1	187,00
Distributor cabinet rec., 6	1020	655-820	110	18,500	878 386 027	1	208,50
Distributor cabinet rec., 7	1170	655-820	110	21,000	878 386 028	1	230,00

2

PRINETO Price list

## PRINETO Distributor cabinet, raised



To enclose the heating circuit distributor and control components, installation on the unfinished floor, raised on the plastered wall, with rails and screws for distributor mounting, with mounting screws for easy installation of the terminal strip; cabinet, door and screed baffle plate white painted finish RAL 9010.  
Material: steel sheet, galvanised or painted

Description	Width mm	Height mm	Depth mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Distributor cabinet rais., 1	442	623-795	126	8,500	878 386 030	1	178,00
Distributor cabinet rais., 2	496	623-795	126	9,500	878 386 031	1	189,00
Distributor cabinet rais., 3	581	623-795	126	10,500	878 386 032	1	190,50
Distributor cabinet rais., 4	731	623-795	126	12,500	878 386 033	1	197,50
Distributor cabinet rais., 5	881	623-795	126	15,000	878 386 034	1	217,00
Distributor cabinet rais., 6	1031	623-795	126	17,000	878 386 035	1	254,00

## List of corresponding distributor cabinets

### Note:

Only recessed distributor cabinets are suitable for the installation of a horizontal heat meter!

Distributor cabinets for heating circuit distributors		
Assembly	Recessed cab.	Raised cab.
H. C. distributor 3-fold	Size 1(2)*	Size 1(2)*
H. C. distributor 4-fold	Size 2(3)*	Size 2(3)*
H. C. distributor 5-fold	Size 3(4)*	Size 3(4)*
H. C. distributor 6-fold	Size 4	Size 4
H. C. distributor 7-fold	Size 4	Size 4
H. C. distributor 8-fold	Size 4(5)*	Size 4
H. C. distributor 9-fold	Size 5	Size 4(5)*
H. C. distributor 10-fold	Size 5	Size 5
H. C. distributor 11-fold	Size 5	Size 5
H. C. distributor 12-fold	Size 6	Size 6

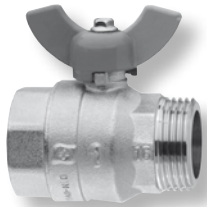
Distributor cabinets for heating circuit distributors with vertical heat meter		
Assembly	Recessed cab.	Raised cab.
H. C. distributor 3-fold with heat meter 110 mm 3/4" v.	Dim. 2	Dim. 1(2)*
H. C. distributor 4-fold with heat meter 110 mm 3/4" v.	Dim. 3	Dim. 2(3)*
H. C. distributor 5-fold with heat meter 110 mm 3/4" v.	Dim. 3(4)*	Dim. 3
H. C. distributor 6-fold with heat meter 110 mm 3/4" v.	Dim. 4	Dim. 4
H. C. distributor 7-fold with heat meter 110 mm 3/4" v.	Dim. 4	Dim. 4
H. C. distributor 8-fold with heat meter 110 mm 3/4" v.	Dim. 4(5)*	Dim. 4
H. C. distributor 9-fold with heat meter 110 mm 3/4" v.	Dim. 5	Dim. 5
H. C. distributor 10-fold with heat meter 110 mm 3/4" v.	Dim. 5	Dim. 5
H. C. distributor 11-fold with heat meter 110 mm 3/4" v.	Dim. 5(6)*	Dim. 5
H. C. distributor 12-fold with heat meter 110 mm 3/4" v.	Dim. 6	Dim. 6

Distributor cabinets for heating circuit distributors with horizontal heat meter		
Assembly	Recessed cab.	Raised cab.
H. C. distributor 3-fold with heat meter 110 mm 3/4" hor.	Size 4	not possible
H. C. distributor 4-fold with heat meter 110 mm 3/4" hor.	Size 4	
H. C. distributor 5-fold with heat meter 110 mm 3/4" hor.	Size 4	
H. C. distributor 6-fold with heat meter 110 mm 3/4" hor.	Size 5	
H. C. distributor 7-fold with heat meter 110 mm 3/4" hor.	Size 5	
H. C. distributor 8-fold with heat meter 110 mm 3/4" hor.	Size 5	
H. C. distributor 9-fold with heat meter 110 mm 3/4" hor.	Size 6	
H. C. distributor 10-fold with heat meter 110 mm 3/4" hor.	Size 6	
H. C. distributor 11-fold with heat meter 110 mm 3/4" hor.	Size 6	
H. C. distributor 12-fold with heat meter 110 mm 3/4" hor.	Size 7	

Distributor cabinets for heating circuit distributors with thermostat set		
Assembly	Recessed cab.	Raised cab.
Heating circuit distributor 3-fold with thermostat set	Size 4	Size 4
Heating circuit distributor 4-fold with thermostat set	Size 4	Size 4
Heating circuit distributor 5-fold with thermostat set	Size 5	Size 4
Heating circuit distributor 6-fold with thermostat set	Size 5	Size 5
Heating circuit distributor 7-fold with thermostat set	Size 5	Size 5
Heating circuit distributor 8-fold with thermostat set	Size 6	Size 6
Heating circuit distributor 9-fold with thermostat set	Size 6	Size 6
Heating circuit distributor 10-fold with thermostat set	Size 6	Size 6
Heating circuit distributor 11-fold with thermostat set	Size 7	on request
Heating circuit distributor 12-fold with thermostat set	Size 7	on request

\* for heating circuit distributor with flow meter please read figure before \*!

## PRINETO Ball valve set heating circuit distributor



**PRINETO** Ball valve G 1-Rp 3/4. Connection shut-off for heating circuit distributor (recommended for 3–8 heating circuits), pipe connection internal thread Rp 3/4, distributor connection G 1 external thread flat-sealing, inc. seal. Material: nickel-plated brass, Teflon

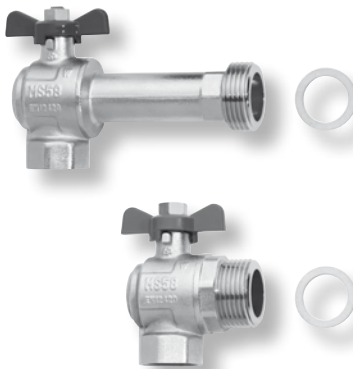
**PRINETO** Ball valve G 1-Rp 1. Connection shut-off for heating circuit distributor (recommended for 9–12 heating circuits), pipe connection internal thread Rp 3/4, distributor connection G 1 external thread flat-sealing, inc. seal. Material: nickel-plated brass, Teflon

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Ball valve	G 1-Rp 3/4	0,211	878 386 132	2	11,40
Ball valve	G 1-Rp 1	0,355	878 386 105	2	18,00

2

PRINETO Price list

## PRINETO Corner ball valve



**PRINETO** PRINETO corner ball valve, set G 1-Rp 3/4 for vertical connection to **PRINETO** heating circuit distributor G 1, made up of a corner ball valve long with blue handle for return and a corner ball valve short with red handle for supply to Rp 3/4 IG, nickel-plated brass, with packed valve  
Length for space requirement: 130 mm

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Corner ball valve set	G 1-Rp 3/4	0,838	878 386 279	1	61,60
Corner ball valve set	G 1-Rp 1	1,100	878 386 280	1	85,60

## PRINETO Curved pipe guide for surface heating pipe 14-17



For right-angled and protected guidance of the surface heating pipes from below to the heating circuit distributor, not suitable for Stabil multilayer pipes, curve 90°, radius 130 mm, inside diameter 25 mm.  
Material: PVC

Description	d mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Curved pipe guide	25	0,065	878 386 200	10	4,00

## PRINETO HCM with corner ball valve $\frac{3}{4}$ ", pre-assembled in flush-mounted cabinet

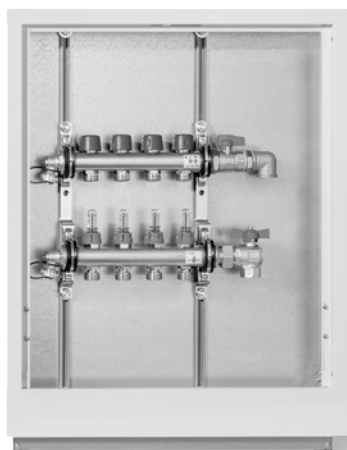


Fig.: Connection on the right

### NOTE:

Free choice of connection on the right or left and depth 80 or 110 mm (please specify with order)!

- Flush-mounted manifold cabinet, 80 or 110 mm deep, galvanised sheet steel, frame, door and screed baffle plate painted white RAL 9010
- Stainless steel heating circuit manifold with flow meters with  $\frac{3}{4}$ " ball valve, vertical connection, return flow with thermostat valve inserts and manual control caps (connection thread M 30 x 1.5 for later attachment of the actuators), supply flow with shut-off integrated flow meters

Description	Width mm	Height mm	Depth mm	Art.-no.	Pack qty	€/Stk.
HCM 3-fold BV vertical	510	740 – 855	80/110	878 386 800	1	369,00
HCM 4-fold BV vertical	510	740 – 855	80/110	878 386 801	1	400,00
HCM 5-fold BV vertical	610	740 – 855	80/110	878 386 802	1	447,00
HCM 6-fold BV vertical	610	740 – 855	80/110	878 386 803	1	478,00
HCM 7-fold BV vertical	760	740 – 855	80/110	878 386 804	1	530,00
HCM 8-fold BV vertical	760	740 – 855	80/110	878 386 805	1	561,50
HCM 9-fold BV vertical	760	740 – 855	80/110	878 386 806	1	592,50
HCM 10-fold BV vertical	910	740 – 855	80/110	878 386 807	1	649,50
HCM 11-fold BV vertical	910	740 – 855	80/110	878 386 808	1	680,50
HCM 12-fold BV vertical	910	740 – 855	80/110	878 386 809	1	712,00

## PRINETO HCM with HM $\frac{3}{4}$ ", vertical, pre-assembled in flush-mounted cabinet



Fig.: Connection on the right

### NOTE:

Free choice of connection on the right or left and depth 80 or 110 mm (please specify with order)!

- Flush-mounted manifold cabinet, 80 or 110 mm deep, galvanised sheet steel, frame, door and screed baffle plate painted white RAL 9016
- Stainless steel heating circuit manifold with heat meter connection assembly  $\frac{3}{4}$ " vertical (MID-conform), return flow with thermostat valve inserts and manual control caps (connection thread M 30 x 1.5 for later attachment of the actuators), supply flow with shut-off integrated flow meters

Description	Width mm	Height mm	Depth mm	Art.-no.	Pack qty	€/Stk.
HCM 3-fold BV horizontal	410	740 – 855	80/110	878 386 810	1	348,50
HCM 4-fold BV horizontal	510	740 – 855	80/110	878 386 811	1	390,00
HCM 5-fold BV horizontal	510	740 – 855	80/110	878 386 812	1	421,00
HCM 6-fold BV horizontal	610	740 – 855	80/110	878 386 813	1	462,50
HCM 7-fold BV horizontal	610	740 – 855	80/110	878 386 814	1	499,00
HCM 8-fold BV horizontal	760	740 – 855	80/110	878 386 815	1	545,50
HCM 9-fold BV horizontal	760	740 – 855	80/110	878 386 816	1	582,00
HCM 10-fold BV horizontal	760	740 – 855	80/110	878 386 817	1	618,50
HCM 11-fold BV horizontal	910	740 – 855	80/110	878 386 818	1	665,00
HCM 12-fold BV horizontal	910	740 – 855	80/110	878 386 819	1	696,50

## PRINETO HCM with HM 3/4", vertical, pre-assembled in flush-mounted cabinet



Fig.: Connection on the right

### NOTE:

Free choice of connection on the right or left and depth 80 or 110 mm (please specify with order)!

- Flush-mounted manifold cabinet, 80 or 110 mm deep, galvanised sheet steel, frame, door and screed baffle plate painted white RAL 9016
- Stainless steel heating circuit manifold with heat meter connection assembly 3/4" vertical (MID-conform), return flow with thermostat valve inserts and manual control caps (connection thread M 30 x 1.5 for later attachment of the actuators), supply flow with shut-off integrated flow meters with memory function

Description	Width mm	Height mm	Depth mm	Art.-no.	Pack qty	€/Stk.
HCM 3-fold HM vertical	510	740 – 855	80/110	878 386 820	1	436,50
HCM 4-fold HM vertical	610	740 – 855	80/110	878 386 821	1	468,00
HCM 5-fold HM vertical	610	740 – 855	80/110	878 386 822	1	509,50
HCM 6-fold HM vertical	760	740 – 855	80/110	878 386 823	1	540,50
HCM 7-fold HM vertical	760	740 – 855	80/110	878 386 824	1	592,50
HCM 8-fold HM vertical	760	740 – 855	80/110	878 386 825	1	623,50
HCM 9-fold HM vertical	910	740 – 855	80/110	878 386 826	1	660,00
HCM 10-fold HM vertical	910	740 – 855	80/110	878 386 827	1	712,00
HCM 11-fold HM vertical	910	740 – 855	80/110	878 386 828	1	743,00
HCM 12-fold HM vertical	1060	740 – 855	80/110	878 386 829	1	774,50

2

PRINETO Price list

## PRINETO HCM with HM and WM 3/4", vertical, pre-assembled in flush-mounted cabinet



Fig.: Connection on the right

### NOTE:

Free choice of connection on the right or left and depth 80 or 110 mm (please specify with order)!

- Flush-mounted manifold cabinet, 80 or 110 mm deep, galvanised sheet steel, frame, door and screed baffle plate painted white RAL 9016
- Stainless steel heating circuit manifold with heat meter connection assembly 3/4" vertical (MID-conform), return flow with thermostat valve inserts and manual control caps (connection thread M 30 x 1.5 for later attachment of the actuators), supply flow with shut-off integrated flow meters
- Water meter installation section for cold and hot water comprising 2 3/4" ball valves and adapter for each

Description	Width mm	Height mm	Depth mm	Art.-no.	Pack qty	€/Stk.
HCM 3-fold HM horizontal+WM	760	740 – 855	80/110	878 386 840	1	618,50
HCM 4-fold HM horizontal+WM	760	740 – 855	80/110	878 386 841	1	644,50
HCM 5-fold HM horizontal+WM	910	740 – 855	80/110	878 386 842	1	691,00
HCM 6-fold HM horizontal+WM	910	740 – 855	80/110	878 386 843	1	722,50
HCM 7-fold HM horizontal+WM	910	740 – 855	80/110	878 386 844	1	774,50
HCM 8-fold HM horizontal+WM	1060	740 – 855	80/110	878 386 845	1	805,50
HCM 9-fold HM horizontal+WM	1060	740 – 855	80/110	878 386 846	1	836,50
HCM 10-fold HM horizontal+WM	1060	740 – 855	80/110	878 386 847	1	893,50
HCM 11-fold HM horizontal+WM	1210	740 – 855	80/110	878 386 848	1	825,00
HCM 12-fold HM horizontal+WM	1210	740 – 855	80/110	878 386 849	1	956,00

## PRINETO HCM with HM 3/4", horizontal, pre-assembled in flush-mounted cabinet



Fig.: Connection on the right

- Flush-mounted manifold cabinet, 80 or 100 mm deep, galvanised sheet steel, frame, door and screed baffle plate painted white RAL 9016
- Stainless steel heating circuit manifold with heat meter connection assembly 3/4" horizontal (MID-conform), return flow with thermostat valve inserts and manual control caps (connection thread M 30 x 1.5 for later attachment of the actuators), supply flow with shut-off integrated flow meters.

Description	Width mm	Height mm	Depth mm	Art.-no.	Pack qty	€/Stk.
HCM 3-fold HM horizontal	610	740 – 855	80/110	878 386 830	1	431,50
HCM 4-fold HM horizontal	760	740 – 855	80/110	878 386 831	1	478,00
HCM 5-fold HM horizontal	760	740 – 855	80/110	878 386 832	1	514,50
HCM 6-fold HM horizontal	760	740 – 855	80/110	878 386 833	1	545,50
HCM 7-fold HM horizontal	910	740 – 855	80/110	878 386 834	1	597,50
HCM 8-fold HM horizontal	910	740 – 855	80/110	878 386 835	1	629,00
HCM 9-fold HM horizontal	910	740 – 855	80/110	878 386 836	1	660,00
HCM 10-fold HM horizontal	1060	740 – 855	80/110	878 386 837	1	717,00
HCM 11-fold HM horizontal	1060	740 – 855	80/110	878 386 838	1	743,00
HCM 12-fold HM horizontal	1060	740 – 855	80/110	878 386 839	1	779,50

### NOTE:

Free choice of connection on the right or left and depth 80 or 110 mm (please specify with order)!

## PRINETO HCM with HM and WM 3/4", horizontal, pre-assembled in flush-mounted cabinet



Fig.: Connection on the right

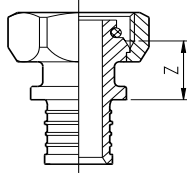
- Flush-mounted manifold cabinet, 80 or 110 mm deep, galvanised sheet steel, frame, door and screed baffle plate painted white RAL 9016
- Stainless steel heating circuit manifold with heat meter connection assembly 3/4" horizontal (MID-conform), return flow with thermostat valve inserts and manual control caps (connection thread M 30 x 1.5 for later attachment of the actuators)
- Water meter installation section for cold and hot water comprising 2 3/4" ball valves and adapter for each

Description	Width mm	Height mm	Depth mm	Art.-no.	Pack qty	€/Stk.
HCM 3-fold HM horizontal + WM	760	740 – 855	80/110	878 386 850	1	613,00
HCM 4-fold HM horizontal + WM	760	740 – 855	80/110	878 386 851	1	660,00
HCM 5-fold HM horizontal + WM	910	740 – 855	80/110	878 386 852	1	696,50
HCM 6-fold HM horizontal + WM	910	740 – 855	80/110	878 386 853	1	727,50
HCM 7-fold HM horizontal + WM	910	740 – 855	80/110	878 386 854	1	774,50
HCM 8-fold HM horizontal + WM	1060	740 – 855	80/110	878 386 855	1	810,50
HCM 9-fold HM horizontal + WM	1060	740 – 855	80/110	878 386 856	1	842,00
HCM 10-fold HM horizontal + WM	1060	740 – 855	80/110	878 386 857	1	899,00
HCM 11-fold HM horizontal + WM	1210	740 – 855	80/110	878 386 858	1	930,00
HCM 12-fold HM horizontal + WM	1210	740 – 855	80/110	878 386 859	1	956,00

### NOTE:

Free choice of connection on the right or left and depth 80 or 110 mm (please specify with order)!

## PRINETO Transition with Euro-cone screw



For the direct connection of surface heating pipes and Stabil multilayer pipe to Euro-cone 3/4" external thread.  
Material: nickel-plated brass, EPDM

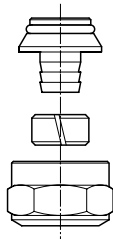
Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	14-V Euro	20	0,065	878 343 320	2	7,00
Transition*	16 x 2,0-V Euro	20	0,085	878 343 429	2	8,40
Transition	16-V Euro	20	0,076	878 343 120	2	6,70
Transition	17-V Euro	20	0,072	878 343 590	2	6,10

\* includes a sliding sleeves (878 530 100)

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PRINETO Price list

## PRINETO Clamp/screw-in Euro-cone V-Euro



For the direct connection of surface heating or Stabil multilayer pipe to Euro-cone 3/4" external thread, tightening torque 40-50 Nm – deburr and calibrate the pipe after cutting to length! Consisting of Euro-cone with supporting body, clamp ring and union nut.  
Material: brass, EPDM, polyamide

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Clamp/screw-in Euro-cone	12-V Euro	0,072	878 386 234	2	5,90
Clamp/screw-in Euro-cone	14-V Euro	0,063	878 386 017	2	5,00
Clamp/screw-in Euro-cone	16 x 2,0-V Euro	0,065	878 386 203	2	5,80
Clamp/screw-in Euro-cone	Stabil 16-V Euro	0,065	878 386 092	2	6,40
Clamp/screw-in Euro-cone	17-V Euro	0,068	878 386 011	2	5,10

## PRINETO Edge insulating strip 150 x 8



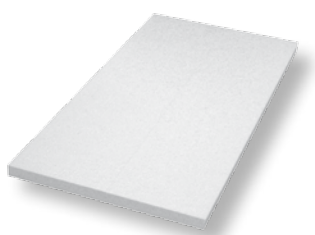
For sound insulation and compensation of the longitudinal expansion of cement and anhydrite screeds laid using the floating installation method acc. to DIN 18560, with PE foil welded to the side for sealing against screed water, with prepared tear-off line, suitable for wet and dry-laid underfloor heating systems.  
Material: closed-cell PE foam

Description	Th. mm	Height mm	Weight kg/pc.	Art.-no.	Pack qty m	€/m
Edge insulating strip	8	150	0,820	878 386 039	25	0,70

**PRINETO** Thermal and impact sound insulating board EPS 30 mm DES

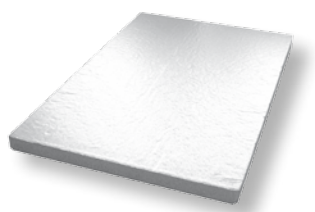
Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed with sound protection requirement, material class B1, thermal conductivity: 0.040 W/mK, surface load on the screed: 5 kN/m<sup>2</sup>, compressibility: 2 mm, sound impact improvement: 29 dB (A).  
Material: expanded polystyrene, CFC-free

Description	Ths. mm	Width mm	Length mm	R m <sup>2</sup> K/W	Art.-no.	Pack qty	€/m <sup>2</sup>
EPS 30 mm DES	30	500	1000	0,75	878 386 063	7,5	o. r.

**PRINETO** Thermal insulating board EPS DEO

Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed without sound protection requirement, material class B1, thermal conductivity: 0.040 W/mK, compressive stress at 10 % compression: 100 kPa.  
Material: expanded polystyrene, CFC-free

Description	Ths. mm	Width mm	Length mm	R m <sup>2</sup> K/W	Art.-no.	Pack qty	€/m <sup>2</sup>
EPS 20 mm DEO	20	500	1000	0,57	878 386 281	12	o. r.
EPS 25 mm DEO	25	500	1000	0,71	878 386 282	9,5	o. r.
EPS 30 mm DEO	30	500	1000	0,86	878 386 283	8	o. r.
EPS 40 mm DEO	40	500	1000	1,14	878 386 284	6	o. r.
EPS 50 mm DEO	50	500	1000	1,43	878 386 285	4,5	o. r.
EPS 60 mm DEO	50	500	1000	1,43	878 386 286	4	o. r.

**PRINETO** Thermal insulating board PUR DEO

Acc. to DIN EN 13165 and DIN 4108-10, for internal insulation under screed without sound protection requirement, backed on both sides by diffusion-tight aluminium foil, material class B2, thermal conductivity: 0.025 W/ mK, compressive stress at 10 % compression: 150 kPa.  
Material: polyurethane, CFC-free, aluminium

Description	Ths. mm	Width mm <sup>1</sup>	Length mm <sup>1</sup>	R m <sup>2</sup> K/W	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
PUR 30 mm DEO	30	625	1250	1,20	878 386 144	on request	
PUR 40 mm DEO	40	625	1250	1,60	878 386 145	on request	

<sup>1</sup> Dimensions can vary. Exact specifications available on request!



## PRINETO System roll with grid foil EPS DES



Acc. to DIN EN 13163 and DIN 4108-10, roll web for internal insulation under screed with sound protection requirement, with tape webbing 0.2 mm laminated for fixing the tacker needles and for sealing against screed moisture acc. to DIN 18560, 30 mm overlap at the side, with printed grid 5/10 cm, material class B2, design value thermal conductivity: 0.040 W/mK (30 mm), 0.045 W/mK (20 mm), surface load on the screed: 5 kN/m<sup>2</sup>(30), 4 kN/m<sup>2</sup> (20) compressibility: 2 mm, sound impact improvement: 28 dB (A).  
Material: expanded polystyrene, CFC-free

Description	Ths. mm	Width mm	Length m	R m <sup>2</sup> K/W	Weight m/pc.	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
System roll	20	1000	10	0,44	0,400	878 386 220	10	7,40
System roll	30	1000	10	0,75	0,600	878 386 225	10	7,50
System plate	20	1000	1	0,44	0,400	878 386 223	10	7,00

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PRINETO Price list

## PRINETO hook-and loop system roll grid foil EPS 30mm DES

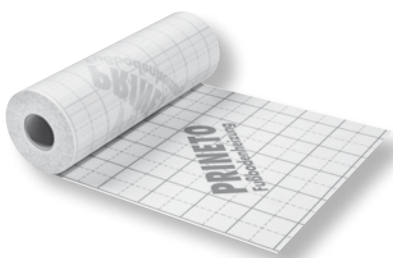
**NEW!**



Acc. to DIN EN 13163 and DIN 4108-10, roll web for internal insulation under screed with sound protection requirement, with hook-and loop tape laminated. For simple fixing of the PRINETO hook-and loop surface heating pipes and for sealing against screed moisture acc. to DIN 18560, with printed grid 5/10 cm, with 30 mm side overlap and self-adhesive tape. Design value thermal conductivity: 0.040 W/mK, surface load on the screed: 5 kN/m<sup>2</sup>, compressibility: 2 mm, sound impact improvement: 28 dB (A).  
Material: expanded polystyrene, CFC-free

Description	Ths. mm	Width mm	Length m	R m <sup>2</sup> K/W	Weight m/pc.	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
L&H sys. roll	30	1.000	10	0,75	0,500	878 386 291	10	12,40

## PRINETO Tacker foil, self-adhesive



Grid foil acc. to DIN 18560 for the sealing of heat and impact sound insulation against screed moisture and for fixing the tacker needles, for rolling off, printed grid 5/10 cm, underside coated with solvent-free special adhesive, net heating surface 50 m<sup>2</sup> (with 5 cm overlap).  
Material: polyethylene 0.2 mm thick

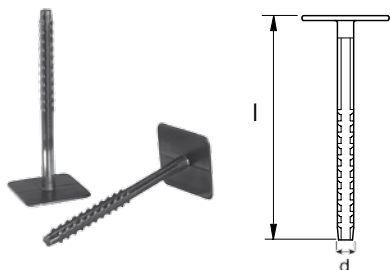
Description	Dimensions (m)	Weight kg/pc.	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
Tacker foil	0,55 x 100	11	878 386 041	55	4,00

**PRINETO** Tacker needle 6 mm

For the reliable fixing of surface heating pipe 17 to system roll or tacker foil, used with **PRINETO** tacker tool.

Material: polyamide

Description	Weight g/pce	Art.-no.	Pack qty	€/pc.
Tacker needle with double hook	0,001	878 386 238	1000	0,10

**PRINETO** Plate-head plug for insulation

For fixing the heat insulation for underfloor heating systems without impact sound requirement, for fixing in unfinished floor without dowels.

Drilling diameter: 8 mm

Material: polypropylene

Description	d mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Plate-head plug	8	100	0,006	878 386 042	50	0,50

**PRINETO** Fixing rail, self-adhesive

For the tool-free fixing of surface heating pipes 14 and 17, Nanoflex heating pipe 14 or the Stabil multilayer pipes 14 and 16, for pipe laying spacing in a 50 mm grid, self-adhesive underside for fixing to system roll or tacker foil, with drilling holes for wall attachment, segments can be linked together.

Material: PP

Description	Height mm	Width mm	Length m	Weight kg/pc.	Art.-no.	Pack qty m	€/pc.
Fixing rail 14	18	40	1	0,171	878 386 058	25	5,30
Fixing rail 17	20	40	1	0,154	878 386 074	25	5,00

**PRINETO** Screed measuring point

**PRINETO** screed measuring point, for marking of a measuring point for determining the moisture in the screed.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Screed measuring point	0,041 kg	878 386 243	1	5,30

## PRINETO PE construction foil



**PRINETO** PE construction foil, for covering heat and impact sound insulation in accordance with DIN 18560, and for protection of the polystyrene insulation from materials that exude softeners in the construction work sealing.

Description	Dimensions (m)	Weight kg/pc.	Art.-no.	Pack qty	€/m <sup>2</sup>
PE foil 0,2 mm	2 x 50	0,114	878 386 244	100	1,00

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PRINETO Price list

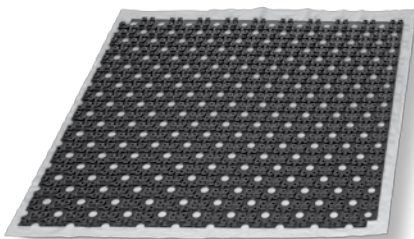
## PRINETO Adhesive tape



For attaching foil border of edge insulating strip to the system roll or the compensating elements, for attaching loose covering foils to underfloor heating insulation.

Description	Maße (L x B)	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Adhesive tape	66 lfm x 55 mm	0,400	878 386 068	1	4,20

## PRINETO Knobbed foil 12 mm, perforated, self-adhesive



For thin-bed underfloor heating systems, made of non-deformable foil with knobs that can bear walking on, for tool-free pipe fixing of surface heating pipe 12, perforated for better connection of screed and base, simple board connection thanks to knob overlap at the side, laying spacing in 5 cm grid (7 cm diagonal grid), material class B2.

Material: PS film 1.0 mm, self-adhesive  
Length: 1.025 m, width: 1.025 m, height: 13 mm  
Net laying area: 1 m<sup>2</sup>

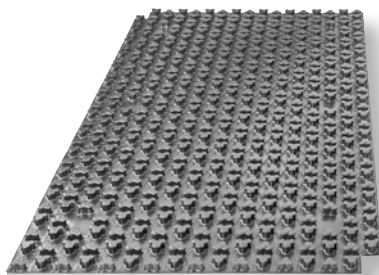


Description	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
Knobbed foil 12	878 386 231	15	23,10

**PRINETO** Edge insulating strip 50 x 5, self-adhesive

For compensation of the longitudinal expansion of thin-bed screed when laid without floor insulation, with self-adhesive backing for direct wall fixing.  
Material: closed-cell PE foam

Description	Ths. mm	Height mm	Weight kg/pc.	Art.-no.	Pack qty m	€/m
Edge insulating strip	5	50	0,620	878 386 232	25	0,80

**PRINETO** Knobbed board 14–17

Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed with (DES) or without (DEO) sound protection requirement, made of nondeformable foil with knobs that can bear walking on, for tool-free pipe fixing of surface heating pipe 14 to 17, Stabil multilayer pipe 14 and 16 or heating pipe 16, and for sealing against screed moisture according to DIN 18560, simple board connection thanks to knob overlap at the side, laying spacing in 5 cm grid (7 cm diagonal grid).

Material: expanded polystyrene, CFC-free, PS foil 1.0 mm  
Height of foil without insulation: 19 mm

EPS 30 mm DES: length: 1450 mm, width: 850 mm, height incl. knobs: 50 mm, net dimensions: 1400x800 mm, net laying surface: 1,12 m<sup>2</sup>, height of insulation: 30-2 mm

EPS 11 mm DEO: length: 1450 mm, width: 850 mm, height incl. knobs: 31 mm, net dimensions: 1400x800 mm, net laying surface: 1,12 m<sup>2</sup>, height of insulation: 11 mm

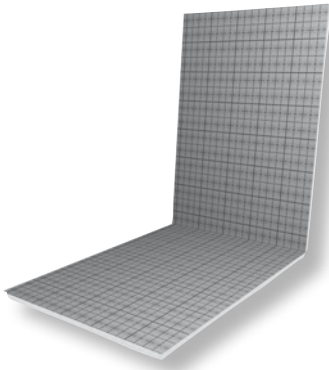


Description	Weight kg/pce	Art.-no.	Pack m	€/Stk.
<b>NEW!</b> Connecion stripe lengthwise	0,083	878 386 080	10	7,40
<b>NEW!</b> Connecion stripe across	0,050	878 386 081	10	7,40
<b>NEW!</b> Transition stripe lengthwise	0,140	878 386 082	14	7,40
<b>NEW!</b> Übergangsstreifen across	0,085	878 386 083	14	7,40

Description	Weight kg/pce	Art.-no.	Pack m	€/m <sup>2</sup>
Knobbed foil 14-17 without insulation*	1,050	878 386 084	30	13,40
Knobbed board 14–17 EPS 11 mm DEO	1,500	878 386 085	20	17,00
Knobbed board 14–17 EPS 30 mm DES	1,750	878 386 086	10	20,50

\* By using the knobbed foil (without insulation) the installation of multilayered Stabil-Pipe 14 / 16 or surface-heating pipe Stabil is to use.

## PRINETO Levelling board



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed with (DES) or without (DEO) sound protection requirement, for laying heating circuit distributors or in the area of expansion joints instead of knobbed boards, with tape webbing 0.2 mm for sealing against screed moisture acc. to DIN 18560, 30 mm overlap at the side, material class B2.

Material: expanded polystyrene, CFC-free  
Length: 2 m, width: 1 m

EPS 30 mm DES: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.75 m<sup>2</sup> K/W, surface load on the screed: 5 kPa (kN/m<sup>2</sup>), compressibility: 2 mm, sound impact improvement: 28 dB (A), height: 30 mm

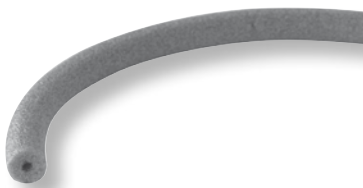
EPS 10 mm DEO: design value thermal conductivity: 0.035 W/mK, thermal conductivity resistance: 0.29 m<sup>2</sup> K/W, surface load on the screed: 60 kPa (kN/m<sup>2</sup>), compressive stress at 10% compression: 200 kPa, height: 10 mm

Description	Weight m/pc.	Art.-no.	Pack qty m <sup>2</sup>	€/m <sup>2</sup>
Levelling board EPS 10 mm DEO	0,480	878 386 129	20	8,40
Levelling board EPS 30 mm DES	0,570	878 386 128	10	12,15

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PRINETO Price list

## PRINETO PE sealing strip 16 mm



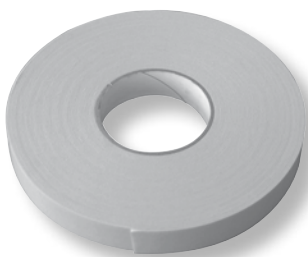
For clamping foil border of edge insulating strip of knobbed board system instead of the pipe next to the wall.

Length: 50 m, Ø 16 mm

Material: closed-cell PE foam

Description	Weight m/pc	Art.-no.	Pack qty m	€/m
PE sealing strip 16	0,003	878 386 130	50	1,60

## PRINETO Adhesive foam tape



Double-sided self-adhesive tape for screed-tight joining of knobbed boards and levelling boards, for gluing on to the cut edges of the insulation.

Length: 25 m, height: 25 mm, thickness: 1.3 mm

Description	Weight m/pc	Art.-no.	Pack qty m	€/m
Adhesive foam tape	0,004	878 386 131	25	2,90

## PRINETO Grooved element EPS DEO



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed without sound protection requirement, for dry underfloor heating with pipe grooves for the tool-free fixing of Stabil multilayer pipe 16, laying spacing in grid of 12 cm, with aluminium foil for heat distribution, material class B2. Material: expanded polystyrene, CFC-free

EPS 55 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 1.18 m<sup>2</sup> K/W, compressive stress at 10 % compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)

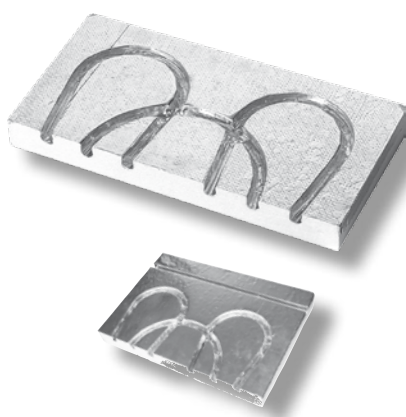
EPS 30 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.679 m<sup>2</sup> K/W, compressive stress at 10 % compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)



Description	Ths. mm	Width mm	Length mm	R m <sup>2</sup> K/W	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Grooved element 55	30	480	960	0,679	0,500	878 386 147	17	17,45
Grooved element 35	55	480	960	1,3	0,800	878 386 133	10	16,80
Special adhesive for foil-laminated EPS					18,0 kg*	878 386 142	1	145,80

\*quantity per packaging ca. 11 m<sup>2</sup>

## PRINETO U-turn element EPS DEO



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed without sound protection requirement, for dry underfloor heating with pipe grooves for the tool-free fixing of Stabil multilayer pipe 16 at the bends in laying spacing in grid of 12 cm or 24 cm, with aluminium foil for heat distribution, material class B2. U-turn element 50 with pipe groove with additional pipe groove for laying a single supply pipe. Material: expanded polystyrene, CFC-free

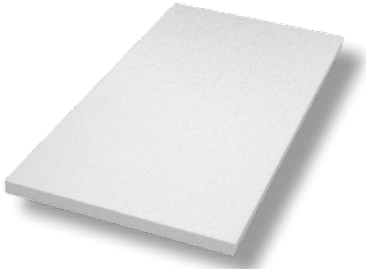
EPS 50 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 1.18 m<sup>2</sup> K/W, compressive stress at 10 % compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)

EPS 30 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.679 m<sup>2</sup> K/W, compressive stress at 10 % compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)



Description	Ths. mm	Width mm	Length mm	R m <sup>2</sup> K/W	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
U-turn element 30	30	480	240	0,679	0,130	878 386 148	34	9,55
U-turn element 55	55	480	240	1,3	0,200	878 386 134	20	10,00
U-turn element 50 pipe groove (lower fig.)	55	480	320	1,3	0,200	878 386 158	20	11,40

## PRINETO Levelling element EPS DEO



Acc. to DIN EN 13163 and DIN 4108-10, for internal insulation under screed without sound protection requirement, for underfloor heating, for laying Stabil multilayer pipes 16 (in conjunction with the heat-cutter 230 V) in areas with laying distances < 12 cm (e.g. in front of heat circuit distributors), material class B2.

Material: expanded polystyrene, CFC-free

EPS 55 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 1.25 m<sup>2</sup> K/W, compressive stress at 10 % compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)

EPS 30 mm DEO: design value thermal conductivity: 0.040 W/mK, thermal conductivity resistance: 0.75 m<sup>2</sup> K/W, compressive stress at 10 % compression: 110 kPa, compression strength: 3 kN/m<sup>2</sup> (tested with Knauf dry underfloor boards)

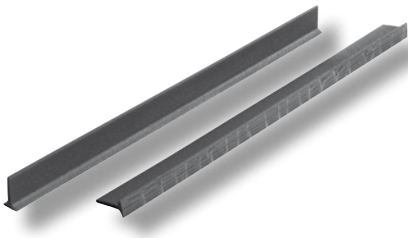


Description	Ths. mm	Width mm	Lenght mm	R m <sup>2</sup> K/W	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Levelling element 30	30	480	960	0,75	0,410	878 386 149	17	7,60
Levelling element 55	55	500	1000	1,25	0,600	878 386 135	10	9,60

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PRINETO Price list

## PRINETO Expansion joint profile 80 x 10, self-adhesive



For compensating changes in shape of the heating screed, for separating differently heated circuits (e.g. in every doorway!) and as a predetermined breakage point for shorting the screed acc. to DIN 18560-2, self-adhesive for fixing to insulation materials, tacker foil or unfinished floor.

Material: closed-cell PE foam

Length: 1.8 m

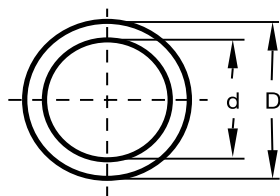
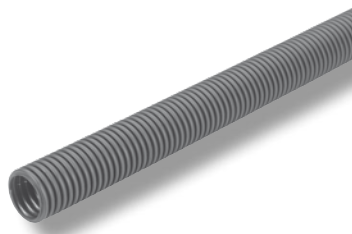
Description	Ths. mm	Height mm	Weight kg/pc.	Art.-no.	Pack qty m	€/m
Expansion joint profile	40/10	80	0,080	878 386 233	18	3,30

## PRINETO Fill (bitumen / bound)



universal applicable, highly stressable, dust free and approved insulation and compensation filling with glue effect, garantied bonding in accordance with DIN EN 18560-2, material: hemp blades with solvent-free bitumen coat, heat conductivity: 0,060 W/(m\*k), sound impact improvement: 19 – 26 dB (concrete ceiling, buildup depending), material class: B 2, room weight (compressed): 140 kg/m<sup>3</sup>, grain stability: 2,5 kN, compressive stress at 10 % compression: 60 kPa.

Bezeichnung	Gewicht kg/Stück	Art.-Nr.	VE	€/Stk.
Fill (bitumen / bound)	15,0	878 386 245	1	65,10

**PRINETO** Protective pipe for surface heating pipe

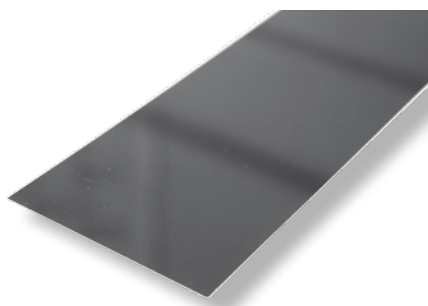
Slit corrugated pipe for protecting the connection cables for underfloor heating circuits near screed expansion joints acc. to DIN 1264-4.

Colour: black

Material: polyethylene HD

Length: 40 cm

Description	D mm	d mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Protective pipe for FBH 17	25	20	0,025	878 386 103	50	1,60

**PRINETO** Thermo foil for wall heating

For safe location of heat-conducting surface heating pipes laid in the wall.  
Foil dimensions: 305 x 110 mm

Description	Length mm	Width mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Thermo foil for wall heating	305	110	0,118	878 386 157	1	74,30

**PRINETO** Screed additive

Additive for making cement heating screeds resistant to abrasion in accordance with DIN 18560, 11 kg corresponding to 10.19 l, sufficient for 140 m<sup>2</sup> screed with 65 mm thickness. Required quantity: 0.0786 kg/m<sup>2</sup>, 0.0728 l/m<sup>2</sup>

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Screed additive	11	878 386 040	1	159,50



## Regulation surface heating

### PRINETO Electrical actuator 230 V, closed with power off



For controlling the underfloor heating, installation by means of clip adapter on thermostat valve inserts with thread M 30 x 1.5 of the heating circuit distributor, closed with power off, with "first open" function, with position indicator, free choice of installation position, protection class IP 54, operating voltage AC 230 V 50/60 Hz, power consumption 1.0 W, max. switch-on current 550 mA, connecting cable 100 cm long 2 x 0.75 mm<sup>2</sup>. Batteries included.

Dimensions: 44 x 57 mm

Actuating force 100 N ± 5 %

Stroke: max. 4 mm

Closing and opening time: approx. 3 min

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Actuator 230 V	0,128	878 386 018	1	26,50
Actuator 24 V	0,128	878 386 019	1	26,80

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PRINETO Price list

### PRINETO Terminal strip 230 V



For wiring up to 6 room thermostats with up to 14 thermoelectric actuators 230 V, 2 control zones with 4 terminals each for actuators, 2 control zones with 2 terminals each for actuators, 2 control zones with 1 terminal each actuators, inc. 1.4 m 2-wire connection cable with plug, operating voltage:

AC 230 V, amperage: max. 4 A, protection class IP 43.

Dimensions: 305 x 100 x 60 mm

Expandable by cover with switch clock and cover with pump logic

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Terminal strip 230 V	0,675	878 386 094	1	98,80

### PRINETO Cover with pump logic and pump protection



Additional cover for terminal strip 230 V, for function extension with pump logic (pump switches off when all actuators are closed), and pump protection (pump starts pump process for a short time every day during summer mode), protection class: IP 40.

Dimensions: 305 x 95 x 20 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Cover with pump logic and pump protection	0,248	878 386 155	1	97,90

**PRINETO** Cover with 6-channel pilot watch, pump logic and pump protection

Additional cover for terminal strip 230 V (cover for terminal strip 230 V heating/cooling on request), for function extension with 6 time zone digital timer, enables the separate assignment of 6 heating programs to each of the room temperature controllers connected to the terminal strip, max. 21 on and off switching movements per time zone and week, pump logic function (pump switches off when all actuators are closed) and pump protection (pump starts pump process for a short time every day during summer mode), automatic summer/winter switchover and leap year correction, type of protection IP 40. Dimensions: 305 x 95 x 20 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Cover with 6-channel pilot watch	0,362	878 386 154	1	192,00

**PRINETO** Room temperature controller, raised

For automatic room-by-room temperature control acc. to EnEV, electromechanical disconnection with thermal feedback and heat sink resistance (-3 K), installation raised or directly to recessed socket, operating voltage: AC 230 V, switching current: 2 (1) A (max. 10 actuators), differential gap: 0.5 K, protection class: IP 30, temperature range: 5°C-30°C.

Colour: white (similar to RAL 9010).

Dimensions: 78 x 78 x 14 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Room temperature controller, raised	0,055	878 386 096	1	27,85

**PRINETO** Terminal strip 230 V for heating and cooling

For wiring up to 6 room thermostats heating/cooling with up to 12 thermoelectric actuators 230 V, 6 control zones with 2 terminals each for actuators, heating/cooling switchover via external mains signal, with terminal for pump logic, inc. 1.4 m 2-wire connection cable with plug, operating voltage AC 230 V, amperage: max. 4 A, protection class IP 54. Dimensions: 305 x 100 x 60 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Terminal strip for heating and cooling	0,844	878 386 150	1	196,00

## PRINETO Room temperature controller for heating/cooling, recessed



For automatic room-by-room temperature control acc. to EnEV, electromechanical changeover contact with thermal feedback and heat sink resistance (-4 K), consisting of controller 50 x 50 mm (can be integrated in almost all surface switching programs thanks to separate intermediate frame) and standard frame, installation in recessed socket, operating voltage: AC 230 V, switching current: 5 (2) A heating (max. 10 actuators) – 5 (2) A cooling (max. 5 actuators), differential gap: 0.5 K, protection class: IP 30, temperature range: 5°C–30°C.

Colour: white (similar to RAL 9010) Dimensions controller 50 x 50 x 16 mm  
Dimensions frame: 85 x 81 x 10

### Note:

Single bottom parts and cover sets for individual controller programs are available on request!

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Room temperature controller heating/cooling rec.	0,115	878 386 152	1	84,00

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PRINETO Price list

## PRINETO Room temperature controller for heating/cooling, raised



For automatic room-by-room temperature control acc. to EnEV, electromechanical changeover contact with thermal feedback and heat sink resistance (-3 K), installation raised or directly to recessed socket, operating voltage: AC 230 V, switching current: 2 (1) A heating (max. 10 actuators) – 2 (1) cooling (max. 5 actuators), differential gap: 0.5 K, protection class: IP 30, temperature range: 5°C – 30°C.

Colour: white (similar to RAL 9010)  
Dimensions: 78 x 78 x 14 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Room temperature controller heating/cooling, rais.	0,059	878 386 151	1	34,90

## PRINETO Room radio WEB controller, digital receiver



For automatic room-by-room temperature control by radio signal, bidirectional data exchange with the basic station, operation by turning knob with rotary/print mechanism, language neutral and clearly arranged display, with connection possibilities of extern sensors, 3 menu levels, control range 5 ... 30 °C, by means of basic station with Ethernet connection it is operated also via home station or internet. 2 batteries AAA are included.

Dimensions: 86x86x26,5 mm, radio 868 MHz SRD-band, protection class: IP 20/III, temperature zone 5 °C – 30 °C, colour: pure white (RAL9010)

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Room radio WEB controller, digital receiver	0,115	878 386 302	1	172,50
<b>NEW!</b> Room BUS WEB controller, digital receiver	0,115	878 386 306	1	172,50

## PRINETO Room radio WEB controller, analog receiver



For automatic room-by-room temperature control by radio signal, data exchange with the basic station, operation by turning knob with fine raster, channel graduation in °C, control range 10... 28 °C, by means of basic station with Ethernet connection it is operated also via home station or internet. 2 batteries AAA are included.

Dimensions: 86x86x26,5 mm, radio 868 MHz SRD-band, protection class: IP 20/III, temperature zone 10 °C – 28 °C, colour: pure white (RAL9010)

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Room radio WEB controller, analog receiver	0,09	878 386 303	1	116,50
Room radio WEB controller, sensor (publ. b.)	0,09	878 386 304	1	112,50
<b>NEW!</b> Room BUS WEB controller, analog receiver	0,09	878 386 307	1	116,50
<b>NEW!</b> Room BUS WEB controller, sensor (publ. b.)	0,09	878 386 308	1	112,50

## PRINETO Room radio WEB controller, control and connection unit



Radio-based intelligent control and connection unit to central information processing and communication with all the system components. To record and use numerous measured data for individual temperature controlling. Due to 868-MHz-radio technology a bidirectional communication of the dedicated room operator devices will be provided. To connect electrical actuators among each other and linking up to 7 basic stations. With Ethernet connection for operating via home station or internet. Including cap rail for fixing in distributor cabinet.

Dimensions: 225 x 75 x 81,3 mm, operating voltage: AC 230 V 50 Hz, carrier frequency: 868 MHz SRD-band, protection class: IP 20, ambient temperature: 0 °C – 60 °C, colour: light gray (RAL 7035).

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Room radio WEB controller, control and connection unit 4 channels	0,600	878 386 300	1	616,50
Room radio WEB controller, control and connection unit 8 channels	0,750	878 386 301	1	662,00
<b>NEW!</b> Room BUS WEB controller, control and connection unit 4 channels	0,750	878 386 305	1	712,00

## PRINETO Radio control system transmitter



For automatic room-by-room temperature control by radio signal acc. to EnEV – no cable connection necessary between room temperature controller and heating circuit distributor, can be used for heating or cooling. Switchable fuzzy controller (variable impulse/pause ratio or 2-point control), with LED heating display and mode selector switch (off, permanent heating to desired room temperature, permanent cooling –4 K, automatic timing in conjunction with master-digital radio controller), heating-cooling changeover switch, installation raised or directly to recessed socket (screw spacing 60 mm), operating voltage DC 3 V (2 x AAA batteries), carrier frequency: 896.95 MHz, protection class IP 30, temperature range: 5°C – 30°C.  
Colour: white (similar to RAL 9010)  
Dimensions: 74 x 74 x 28 mm

2

PRINETO Price list

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Radio control system transmitter	0,114	878 386 204	1	118,50

## PRINETO Radio control system receiver



Fig. Receiver 1-Channel

### 1-channel receiver:

Transforms radio signals of a transmitter into control signals for electrical consumers (e.g. actuator), control via relay (16 A make relay, floating), control of a maximum of 20 actuators, switchable from heating to cooling, can also be used for pump logic for up to 6 transmitters, in case of failure the output is switched to 30 % (3 min on and 7 min off), installation raised or directly to recessed socket (screw spacing 60 mm), operating voltage: AC 230 V 50 Hz, power consumption: < 1.5 W, carrier frequency: 868.95 MHz, protection class: IP 30, operating temperature: 0°C – 40°C.  
Colour: white (similar to RAL 9010)  
Dimensions: 73 x 73 x 28 mm

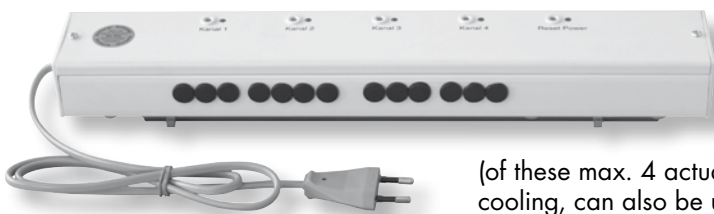


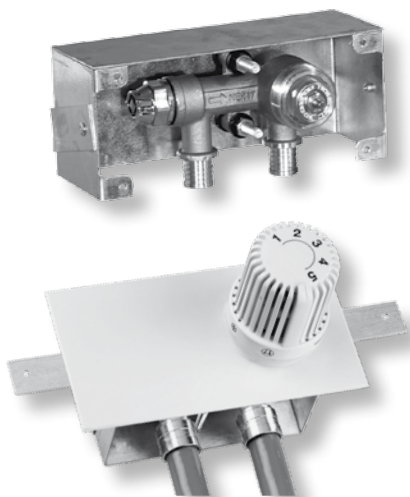
Fig. Receiver 4-Channels

### 4/6-channel receiver:

Transforms radio signals of up to 4/6 transmitters into control signals for electrical consumers (e.g. actuators), control via relay (8 A make relay, floating), control of a maximum of 10 actuators per channel (of these max. 4 actuators for direct connection), switchable from heating to cooling, can also be used for pump logic for up to 3 transmitters, in case of failure the outputs are switched to 30 % (3 min on and 7 min off), installation on top-hat rail (for quick installation in distributor cabinet), with 2-wire connection cable 0.9 m long with plug, operating voltage: AC 230 V 50 Hz, power consumption: 3 W, carrier frequency: 868.95 MHz, protection class: IP 40, operating temperature: 0°C – 50°C.  
Colour: white (similar to RAL 9010)  
Dimensions: 375/453 x 60 x 52 mm (inc. top-hat rail))

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Radio controller, receiver (1 channel)	0,104	878 386 205	1	129,50
Radio controller, receiver (4 channel)	0,676	878 386 206	1	296,50
Radio controller, receiver (6 channel)	1,771	878 386 207	1	355,50

## PRINETO Mechanical individual-room controller, MIC



For automatic room-by-room temperature control of a controlled underfloor heating circuit acc. to EnEV, in conjunction with MIC thermostat heat (art.-no. 878 386 043) with connection thread M 30 x 1.5, as mechanical heating circuit control – no electrical control components required – for recessed wall mounting for direct connection of the surface heating pipe 17, with adjustable valve insert and manual vent plug, galvanised steel sheet casing (130 x 60 x 60 mm) with white cover plate (155 x 85 mm, hole diameter: 57 mm, colour similar to RAL 9010).

Material: brass, galvanised or painted steel sheet, EPDM

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Mechanical individual-room controller, MIC	0,490	878 390 100	1	87,20

## PRINETO Thermostat head, MIC



For automatic room-by-room temperature control of an underfloor heating circuit acc. to EnEV, in conjunction with the mechanical individual-room controller (art.-no. 878 390 100), with adjustable temperature limitation and frost-protection position, connection thread M 30 x 1.5.  
Closing dimension: 11.5 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Thermostat head, MIC	0,166	878 386 043	1	28,10

## Industrial underfloor heating/thermal component activation

With a **PRINETO** thermal component activation (TBA) **PRINETO**, surface heating pipes carrying water are laid in the concrete elements of a building to make use of the enormous storage mass and surface for tempering. The activation is especially suitable for medium-weight and heavy stone and steel-reinforced concrete buildings.

Using TBA cooling, for example, the increase in room temperature in summer can be substantially retarded and delayed into the late afternoon hours because the cooled building absorbs the incident heat. At night, when there is no heating load, the building cools down again. For cooling, water temperatures of about 18°C are adequate to enable surface temperatures of 20 – 22°C to be achieved. The **PRINETO** surface heating pipes need to be installed for this purpose in the lower part of the concrete ceiling. The basic load heating of the rooms to about 18°C using TBA is extremely economical as this can be attained with lower water temperatures than those required for classic underfloor heating, with some 26°C. That makes the especially effective use of

regenerative energy possible (solar, condensing boilers or heat pumps). The heat is mainly given off by ceiling radiation at a rate of around 20–25 W/m<sup>2</sup>. To achieve comfortable temperatures of 20 to 22° C only small, quickly-regulated radiators are required (about 15 W/m<sup>2</sup>, e.g. underfloor heating edge zones, floor convectors).

For industrial underfloor heating or thermal component activation, highly flexible **PRINETO** surface heating pipes measuring 20 x 2.0 mm and 25 x 2.3 mm are available. All **PRINETO** surface heating pipes are oxygen-tight in accordance with DIN 4724 or 4726. Special high-volume 2 inch stainless steel distributors, optionally fitted with control valves or flow meters, take care of distribution in the heating or cooling units. Original **PRINETO** special tools and accessories make fast and standard-compliant installation possible. Manufacture of individual pipe measurements and lengths in the industrial range is possible for orders in excess of 20,000 metres on request.

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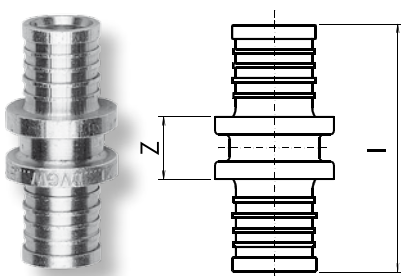
PRINETO Price list

### Highlights **PRINETO** industrial underfloor heating/thermal component activation

- **PRINETO** surface heating pipes 20 and 25 for low pressure losses and long heating circuits
- high-volume **PRINETO** 2-inch stainless steel distributors for maximum water flow and large heating areas
- professional **PRINETO** fitting tool for quick fixing of the heating pipes to the concrete reinforcement

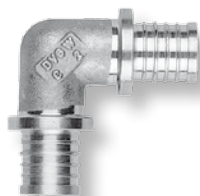


### **PRINETO** Coupler



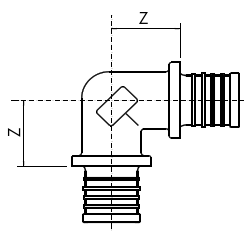
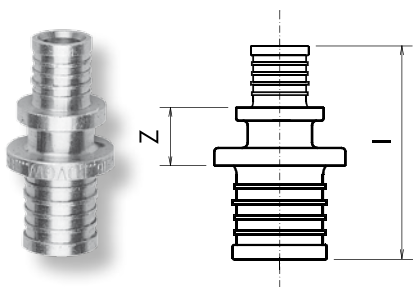
For connecting surface heating pipes.  
Material: brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Coupler	20 x 2,0	13	47	0,048	878 340 770	1	5,80
Coupler	25 x 2,3	13	47	0,077	878 340 880	1	10,50

**PRINETO** Angle 90°**NEW!**

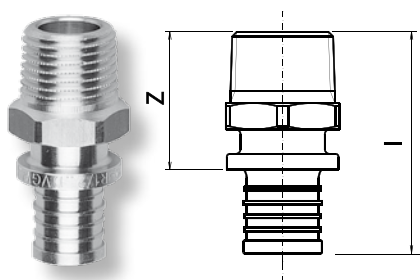
For connecting heating, plumbing, Nanoflex and Stabil multilayer pipes.  
Material: dezincification-resistant brass

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Angle	20x2,0-20x2,0	21	0,070	878374770	10	7,30
Angle	25x2,3-25x2,3	25,5	0,122	878374880	10	10,20

**PRINETO** Reducing coupler

For connecting surface heating pipe 20 with surface heating pipe 17.  
Material: brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Reducing coupler	20 x 2,0-17	12,5	43,5	0,039	878 340 751	1	5,90
Reducing coupler	25 x 2,3-20	13,5	48,5	0,059	878 340 850	1	8,00
Reducing coupler	25 x 2,3-17	14	52	0,062	878 340 870	1	8,80
Reducing coupler	32-20x2,0	15	58	0,091	878 340 470	1	12,40
Reducing coupler	32-25x2,3	15,5	62,5	0,106	878 340 480	1	14,45

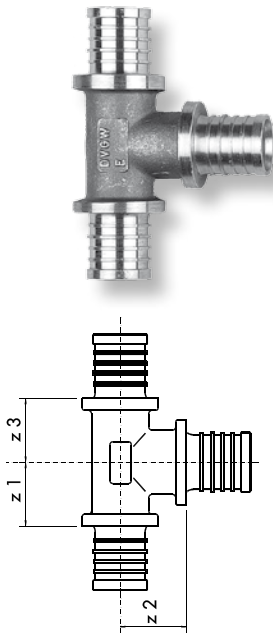
**PRINETO** Transition with external thread

For connecting surface heating pipes to components with internal Rp-thread.  
Material: brass

Description	Dimension	z mm	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	20 x 2,0-R 1/2	32	49,5	0,070	878 341 750	10	5,90
Transition	20 x 2,0-R 3/4	34	51,5	0,092	878 341 760	10	7,30
Transition	25 x 2,3-R 3/4	35	56	1,103	878 341 860	10	11,50



## PRINETO Tee



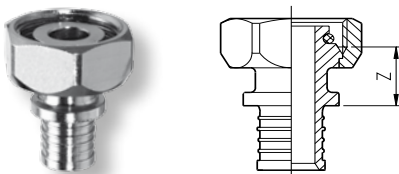
For dividing or merging the flow for underfloor heating (e.g. when MIC is used), for heating, Nanoflex or Stabil multilayer pipes.  
Material: brass

Description	Dimension	z1	z2	z3	Weight kg/pc.	Art.-no.	Pack qty	€/Stk.
Tee	20 x 2,0-17-20 x 2,0	16,5	20,5	16,5	0,081	878 360 757	10	7,50
Tee	20 x 2,0-20 x 2,0-20 x 2,0	18	21	18	0,092	878 360 777	10	7,80
Tee	25 x 2,3-17-25 x 2,3	18	25	18	0,123	878 360 858	10	10,20
Tee	25 x 2,3-20 x 2,0-25 x 2,3	20	25,5	20	0,138	878 360 878	10	9,90
Tee	25 x 2,3	22	26	22	0,160	878 360 888	10	9,20
Tee	32-20 x 2,0-32	20	29,5	20	0,216	878 360 474	5	19,20
Tee	32-25 x 2,3-32	22,5	30	22,5	0,245	878 360 484	5	19,20

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PRINETO Price list

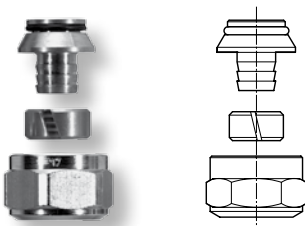
## PRINETO Transition with Euro-cone screw



For the direct connection of surface heating pipe 20 to Euro-cone 3/4" external thread.  
Material: nickel-plated brass, EPDM

Description	Dimension	z mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Transition	20 x 2,0-V Euro	20	0,079	878 343 720	2	7,10

## PRINETO Clamp/screw-in Euro-cone V Euro

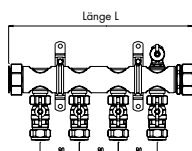
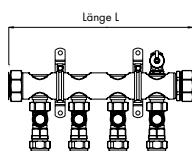
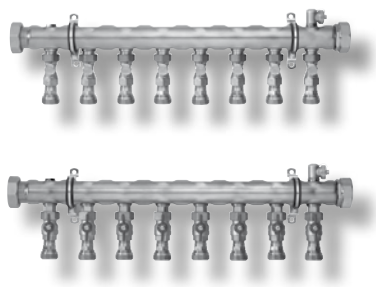


For the direct connection of surface heating pipe 20 to Euro-cone 3/4" external thread, tightening torque 40-50 Nm – deburr and calibrate the pipe after cutting to length!

Consisting of Euro-cone with supporting body, clamp ring and union nut.  
Material: brass, EPDM, polyamide

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Klemmverschraubung	20 x 2,0-V Euro	0,066	878 386 015	2	6,70

## PRINETO industrial manifold with attached control valves



For distributing shutting off and regulating water flows of very large surface heating or cooling circuits, for surface heating pipe 25 x 2.3, manifolds can be coupled together, consisting of: distribution manifold made of stainless steel pipe 54 x 1.5 with G 2 end cap, screw connection with G 2 union nut flatsealing (to fit ball valve – please order separately), filling and draining/vent valve 1/2" with Euro-cone 3/4" external thread, return flows with attached shut-off and control valves DN 20, supply flows with attached ball valves DN 20, heating circuit connections with clamp ring connection R 3/4 to 25 x 2.3, sound-insulated individual holder, max. operating temperature: 90°C, max. operating pressure: 6 bar.

Material: stainless steel 1.4301, red brass, nickel-plated brass, polyamide, EPDM

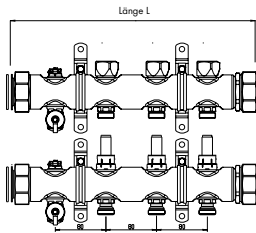
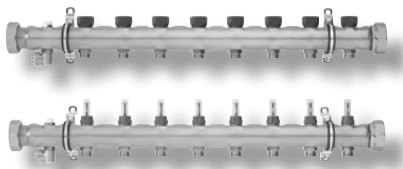
### Delivery time on request

Description	Lenght mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Industrial manifold 2" 2-fold	203	4,500	878 386 160	1	532,50
Industrial manifold 2" 3-fold	283	5,800	878 386 161	1	651,00
Industrial manifold 2" 4-fold	363	7,100	878 386 162	1	775,00
Industrial manifold 2" 5-fold	443	8,400	878 386 163	1	893,00
Industrial manifold 2" 6-fold	523	9,700	878 386 164	1	1.010,00
Industrial manifold 2" 7-fold	603	11,000	878 386 165	1	1.130,00
Industrial manifold 2" 8-fold	683	12,300	878 386 166	1	1.250,00
Industrial manifold 2" 9-fold	763	13,600	878 386 167	1	1.365,00
Industrial manifold 2" 10-fold	843	14,900	878 386 168	1	1.485,00
Industrial manifold 2" 11-fold	923	16,200	878 386 169	1	1.600,00
Industrial manifold 2" 12-fold	1003	17,500	878 386 170	1	1.730,00
<b>NEW!</b> Industrial manifold 2" 13-fold	1.083	19,500	878 386 171	1	1.840,00
<b>NEW!</b> Industrial manifold 2" 14-fold	1.163	20,900	878 386 172	1	1.965,00
<b>NEW!</b> Industrial manifold 2" 15-fold	1.243	22,300	878 386 173	1	2.080,00
<b>NEW!</b> Industrial manifold 2" 16-fold	1.323	23,700	878 386 174	1	2.200,00
<b>NEW!</b> Industrial manifold 2" 17-fold	1.403	25,100	878 386 175	1	2.320,00
<b>NEW!</b> Industrial manifold 2" 18-fold	1.483	26,500	878 386 176	1	2.445,00
<b>NEW!</b> Industrial manifold 2" 19-fold	1.563	27,900	878 386 177	1	2.555,00
<b>NEW!</b> Industrial manifold 2" 20-fold	1.643	29,300	878 386 178	1	2.675,00

## PRINETO 2" industrial manifold with flow meter

For distributing, shutting off and regulating the water flows of very large heating or cooling circuits, for surface heating pipe 20 x 2.0, manifolds can be coupled together, consisting of: distribution manifold made of stainless steel pipe 54 x 1.5 with G 2 end cap, screw connection with union nut G 2 flat-sealing (suitable for ball valve, please order separately), filling and draining valve 1/2" with Euro-cone 3/4" external thread, vent plug 1/2", return flow with Oventrop thermostat valve inserts (connection thread M 30 x 1.5, kvs 2.56 m3/h, for later installation of the actuators 230 V) and manual control cap, supply flow with integrated shut-off Regolux volume flow indicators (0.5–5 l/min, kvs 1.12 m3/h, for hydraulic balancing), heating circuit connections with Euro-cone 3/4" external thread acc. to DIN V 3838, soundinsulated individual holder, max. operating temperature: 90°C, max. operating pressure: 6 bar.  
Material: stainless steel 1.4301, nickel-plated brass, polyamide, EPDM

### Delivery time on request



Description	Lenght mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Industrial manifold 2" 2-fold	305	3,935	878 386 180	1	479,00
Industrial manifold 2" 3-fold	385	3,800	878 386 181	1	559,50
Industrial manifold 2" 4-fold	465	4,400	878 386 182	1	635,00
Industrial manifold 2" 5-fold	545	5,500	878 386 183	1	710,50
Industrial manifold 2" 6-fold	625	5,600	878 386 184	1	785,50
Industrial manifold 2" 7-fold	705	6,200	878 386 185	1	860,00
Industrial manifold 2" 8-fold	785	7,500	878 386 186	1	941,50
Industrial manifold 2" 9-fold	865	8,500	878 386 187	1	1.020,00
Industrial manifold 2" 10-fold	945	8,000	878 386 188	1	1.045,00
Industrial manifold 2" 11-fold	1025	8,600	878 386 189	1	1.170,00
Industrial manifold 2" 12-fold	1105	9,200	878 386 190	1	1.250,00
<b>NEW!</b> Industrial manifold 2" 13-fold	1.083	10,000	878 386 191	1	1.325,00
<b>NEW!</b> Industrial manifold 2" 14-fold	1.163	10,600	878 386 192	1	1.400,00
<b>NEW!</b> Industrial manifold 2" 15-fold	1.243	11,200	878 386 193	1	1.480,00
<b>NEW!</b> Industrial manifold 2" 16-fold	1.323	11,800	878 386 194	1	1.555,00
<b>NEW!</b> Industrial manifold 2" 17-fold	1.403	12,400	878 386 195	1	1.630,00
<b>NEW!</b> Industrial manifold 2" 18-fold	1.483	13,000	878 386 196	1	1.710,00
<b>NEW!</b> Industrial manifold 2" 19-fold	1.563	13,600	878 386 197	1	1.785,00
<b>NEW!</b> Industrial manifold 2" 20-fold	1.643	14,200	878 386 198	1	1.860,00

## PRINETO Ball valve for industrial manifolds

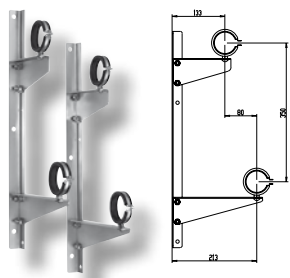


Connection shut-off for 2" industrial manifolds, pipe connection internal thread Rp 1 1/2, distributor connection G 2 external thread flat-sealing, inc. seal.  
Material: nickel-plated brass, Teflon

### Delivery time on request

Description	Dimension	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Ball valve	G 2-Rp 1 1/2	0,843	878 386 179	2	56,00

## PRINETO Bracket for industrial manifolds

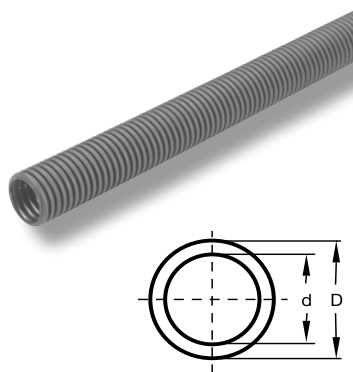


For the stable fixing of industrial manifolds with larger wall distances.  
Material: galvanised steel, rubber

### Delivery time on request

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Bracket for industrial manifolds	1,200	878 386 202	2	63,50

## PRINETO Protective pipe for surface heating pipe



Slit corrugated pipe for protecting the connection cables for underfloor heating circuits near screed expansion joints acc. to DIN 1264-4, bundle length 25 m.

Colour: black

Material: polyethylene HD

Description	D mm	d mm	Gewicht kg/m	Art.-no.	Pack qty m	€/m
Protective pipe for FH pipe 20	29	24	0,090	878 386 210	25	2,70
Protective pipe for FH pipe 25	35	29	0,130	878 386 211	25	5,05

## PRINETO Ceiling bushing for surface heating pipe

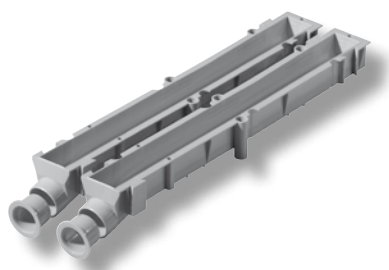


Fig.: 2 pices

To protect the passage of surface heating pipes 20 and 25 through reinforced concrete ceilings with thermal component activation, with 3 nails for fixing to the timber framework, can be coupled to protect as many pipes as required thanks to connections at the side.

Material: polyethylene.

Dimensions: 415 x 54 x 55 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Ceiling bushing	0,150	878 386 212	1	7,50

## PRINETO Binding wire



Roll of binding wire for cordless wire binders for fixing the surface heating pipes to the reinforcing steel of concrete elements, in conjunction with the cordless wire binder, sufficient for around 120 pipe fastenings.

Material: bright steel

Dimensions: 0.8 mm Ø x 97 m

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Roll of binding wire for cordless wire binders	0,433	878 386 216	10	16,10

## Tools

Only the special **PRINETO** tool can be used to make the patented **PRINETO** sliding sleeve connection!

All **PRINETO** tools have been developed in collaboration with users to have a long service life on the building site and they guarantee a fast and simple installation.

On all **PRINETO** tools, the end stop has been designed in such a way that over-compression of the connection (with the sliding sleeve pushed over the fitting collar and damaged) is not possible when the tool is used properly.

**PRINETO** tools basically fall into two categories based on what they do when making the connection – widening tools (for widening the pipes) and sliding pliers (for pushing on the sliding sleeves). For handling the sizes 12 to 32 you have the choice between manual, electric or cordless tools. For handling connections from size Stabil multilayer pipe 40 upwards, you require electric or cordless tools. Alongside fully equipped installation

cases, there are accessory tools available for working on Stabil multilayer pipes 40 and upwards and the **PRINETO** surface heating pipes 12, 14, 17, 20 and 25.

The **PRINETO** adapter „A“ for electric (cordless) tools is compatible with a number of other commercially-available press drives (Novopress, Klauke, Roller, Rems).

You can find an overview of the **PRINETO** installation cases and the pipe dimensions these can be used with on pages 128–131.

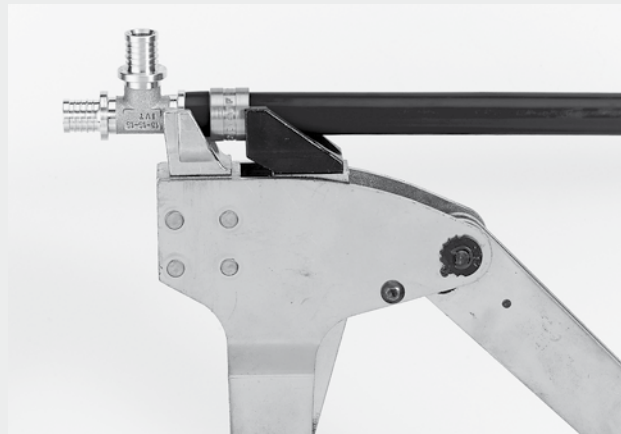
Details in the instructions for use must always be observed!

2

PRINETO Price list

### Highlights **PRINETO** tools

- developed with practical users and tested for long-term use on building sites
- quick and simple to use
- manual tools available up to size 32
- unique toggle-lever sliding pliers for quick and easy compression in only one movement
- mini cordless tool especially for “tight” spots
- low weight (overhead installation work)
- burr-free cutting of the pipes – no chamfering needed
- no residues in the connection



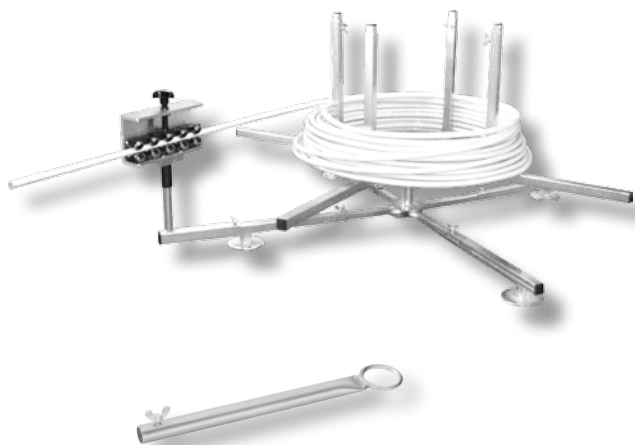
All tool prices net plus VAT.

### **PRINETO** Tacker



For setting the **PRINETO** tacker needles (878 386 238).  
 Material: aluminium, galvanised steel, tin pressure casted, spring steel, PP  
 Height: 900 mm,  
 Width (foot): 61 mm,  
 Hub (Stempel): 70 mm

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tacker	2,500	878 386 037	1	214,00

**PRINETO** Pipe reel, foldable

For rolling off the surface heating pipes during laying work, can be folded to a small size for transport, adjustable for various bundle sizes, permissible pipe bundling dimensions:

- min. internal diameter: 180 mm
- min. internal diameter: 630 mm
- max. height of bundle: 600 mm
- max. thickness of bundle: 375 mm (recommended 320 mm)

Transport dimensions: 95 cm x 11 cm x 23 cm

Pipe straightener Stabil 14 to 20

In conjunction with pipe reel, foldable, for straightening bundles of Stabil multilayer pipe 14, 16, and 20.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Foldable pipe roller	12,500	878 386 071	1	516,50
Pipe straightener	4,200	878 386 138	1	484,50
<b>NEW!</b> Hook-and-loop leading eye with adapter	1,100	878 386 072	1	61,30

**PRINETO** Hook-and-loop door passage tool**NEW!**

Helping tool to ease the laying of the **PRINETO** hook-and-loop surface heating pipe through doors from outside the room. The tool avoids unmeant sticking of the pipes by touching the ground. Mounting at doorways or other edges.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Hook-and-loop door passage tool	2,000	878 386 075	1	92,50

**PRINETO** Hook-and-loop glove pro**NEW!**

For comfortable installation of the **PRINETO** hook-and-loop surface heating pipes. With hook-and-loop closure and special foamed polymer-coating, outstanding dry and wet grip, pressure and vibration blocking.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Hook-and-loop glove pro	0,050	878 386 076	1	8,80

## PRINETO Heat-cutter 230 V



Heat-cutter 230 V with cutting tip. Supplementary tool for laying dry underfloor heating, exclusively for cutting pipe grooves in the EPS levelling elements and system elements, inc. cutting top for Stabil multilayer pipe 16. Operating voltage: AC 230 V 50 Hz, power consumption: 120 W

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Heat-cutter	0,450	878 386 136	1	420,00
Cutting tip for heat-cutter	0,045	878 386 137	1	64,40

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PRINETO Price list

## PRINETO Dispenser



Dispenser for adhesive tape for the easier handling of adhesive tape using only one hand.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Dispenser	1,000	878 386 069	1	37,70

## PRINETO Installation case for cordless wire binder



In a plastic case, for fast and economical fixing of surface heating pipes to the steel reinforcements of concrete elements, in conjunction with the rolls of binding wire, with rechargeable batterie Li-Ion 12 V/3.0 Ah and 230 V AC charger.

Extension for cordless wire binder.  
Individually adjustable extension for physical comfort when fixing the surface heating pipes while standing, in conjunction with the cordless wire binder.

### Delivery time on request

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case for cordless wire binder	12,500	878 386 215	1	2.130,00
Spare rechargeable battery for wire binder	4,200	878 386 217	1	204,00
Extension for cordless wire binder	1,300	878 386 218	1	210,00



## PRINETO Installation case MWP, widening pliers



Complete tool set. Manual widening pliers in portable metal case for widening the pipes before connection with sliding sleeves.

Contains:

- Manual widening pliers
- Pipe shears up to 32
- Expander heads 16, 20 x 2.8, 25 x 3.5, 32

### PRINETO MWP separate, loose

Manual widening pliers for widening pipes 12–40 before connection with sliding sleeves, without portable case and accessories.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case MWP	4,160	878 800 010	1	350,00
Widening pliers, loose	0,650	878 800 100	1	145,50



## PRINETO Installation case MSP, manual sliding pliers



Complete tool set. Manual sliding pliers in portable metal case for pushing on the sliding sleeves.

Contains:

- Manual sliding pliers and reversible ratchet
- Sliding jaws F 16, 20, 25, 32 for fittings
- Sliding jaws S 16, 20, 25, 32 for sliding sleeves for Nanoflex, plumbing, heating and surface heating pipes
- Sliding jaws S 16, 20, 25, 32 Stabil for sliding sleeves for Stabil multilayer pipes

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case MSP	6,700	878 800 020	1	581,00
lubricating grease	0,030	878 800 203	1	5,10

## PRINETO Installation case MSP Stabil



Complete tool set, manual sliding pliers and sliding jaws F and S Stabil in portable metal case for pushing on the Stabil multilayer pipe sliding sleeves.

Contains:

- Manual sliding pliers and reversible ratchet and tool grease
- Sliding jaws F 16, 20, 25, 32 for fitt
- Sliding jaws S 16, 20, 25, 32 Stabil for sliding sleeves for Stabil multilayer pipes

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case MSP Stabil	8,000	878 800 025	1	516,50

## PRINETO Installation case MSWP manual sliding/ widening pliers



Complete tool set, manual widening- & manual sliding pliers in a portable metal case, expanding and pressing in a mold, for the dimension 16, 17 and 20.

Material: aluminum

Conatins:

- Manual sliding/ widening pliers MWSP
- Kombi-Aufweitkopf 16-20
- fat toll

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case MSWP manual	8,000	878 800 630	1	322,00

**PRINETO** Installation case TSP, toggle-lever sliding pliers

TSP separate, loose. Manual toggle-lever sliding pliers for pushing on the sliding sleeves 12 up to 20, without portable case and accessories.

Installation case TSP without accessories

Manual toggle-lever sliding pliers in portable metal case, for pushing on the sliding sleeves 12 up to 20, without accessories.

Installation case TSP

Complete tool set, manual toggle-lever sliding pliers in portable metal case for pushing on the sliding sleeves 16 up to 20.

Contains:

- Manual toggle-lever sliding pliers
- Pipe shears up to 32
- Sliding jaws F 16, 20 for fittings
- Sliding jaws S 16, 20 for sliding sleeves for Nanoflex, plumbing, heating and surface heating pipes
- Sliding jaws S 16, 20 Stabil for sliding sleeves for Stabil multilayer pipes

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
TSP separate, loose	1,640	878 800 510	1	306,50
Installation case TSP (without accessories)	4,570	878 800 520	1	350,00
Installation case TSP (with accessories)	5,810	878 800 530	1	640,00

**PRINETO** Installation case TSP + MWP Stabil 14–20

Complete tool set, manual toggle-lever sliding pliers and manual widening pliers in portable metal case for pushing on the sliding sleeves 14 up to 20 for Stabil multilayer pipes.

Contains:

- Manual toggle-lever sliding pliers
- Manual widening pliers
- Expander head 14 x 2.0
- Combination expander head 16–20
- Sliding jaws F 14, 16, 20 for fittings
- Sliding jaws S 14, 16, 20 Stabil for sliding sleeves for Stabil multilayer pipes
- Pipe shears up to 32

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case TSP + MWP Stabil 14–20	6,700	878 800 550	1	752,00

## PRINETO Installation case TSP + MWP 14–20



Complete tool set, manual toggle-lever sliding pliers and manual widening pliers in portable metal case for pushing on the sliding sleeves 14 up to 20 for PE-X and Stabil multilayer pipes.

Contains:

- Manual toggle-lever sliding pliers
- Manual widening pliers
- Expander head 14 x 2.0
- Expander head 17 x 2.0
- Expander head 20 x 2.0
- Combination expander head 16–20
- Sliding jaws F 14, 16, 20 for fittings
- Sliding jaws S 14, 16, 20 for sliding sleeves for PE-X pipes
- Sliding jaws S 14, 16, 20 Stabil for sliding sleeves for Stabil multilayer pipes
- Pipe shears up to 32

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case TSP + MWP Stabil 14–20	7,000	878 800 570	1	919,50

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PRINETO Price list

## PRINETO Ratchet Sliding Plier, RSP

**NEW!**



Manual sliding plier, by using the sliding plier adapters (art.-no.: 878 800 641) for pushing on the sliding sleeves 12 up to 25, at 32 the use of lubricating cream (art.-no.: 878 530 998) is necessary.

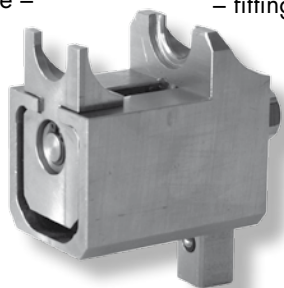
Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Ratchet sliding plier RSZ	1,625	878 800 640	1	270,50
RSZ adapters	0,275	878 800 641	1	31,15

fig.: tool incl. adapters

**PRINETO** PSP, parallel sliding pliers

Sliding sleeve side –

– fitting side



Manual parallel sliding pliers with spindle drive SW 17 and 1/2" square socket for pushing sliding sleeves 16 in narrow spots that are difficult to access. Manual operation of spindle drive e.g. with socket wrench with hexagon insert SW 17 and 1/2" square drive and 1/2" socket wrench extension for handle. Mechanical operation of spindle drive e.g. with cordless impact screwdriver or electric drill with a minimum driving torque of 55 Nm and 1/2" socket wrench extension for handle.

PSP 16 PE-X, colour: black  
PSP 16 Stabil, colour: silver

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Parallel sliding pliers PSP 16 PE-X	0,430	878 800 580	1	210,00
Parallel sliding pliers PSP 16 Stabil	0,430	878 800 581	1	210,00

**PRINETO** Installation case ESP 2, electric sliding pliers

Electric sliding pliers in metal portable case, for widening pipes 14 to 63 (in conjunction with expander bit and expander head) and for pushing on sliding sleeves 16 to 63 (in conjunction with adapter and sliding jaws), operating voltage: AC 230 V 50 Hz, with 2.8 m mains cable.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case ESP 2	13,000	878 800 045	1	775,00

**PRINETO** Installation case CSP, cordless sliding pliers drive Li-Ion

Cordless sliding pliers drive in portable metal case for widening pipes 14 up to 63 (in conjunction with expander bit and expander head) and for pushing on sliding sleeves 16 up to 63 (in conjunction with adapter and sliding jaws), with rotary tool head for ergonomic work, with Li-Ion DC rechargeable battery 14.4 V/2 Ah and AC charger 230 V with mains cable.

**PRINETO** Li-Ion Akku for CSP

Spare rechargeable battery DC 14.4 V/2 Ah for cordless sliding pliers.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case CSP Li-Ion	8,500	878 800 083	1	1.150,00
Rechargeable battery 14.4 V for CSP Li-Ion	0,740	878 800 084	1	163,00
Fast battery charger	0,400	878 800 085	1	169,00

**PRINETO** Installation case CCWP, cordless compact widening pliers 12–32

**PRINETO** Installation case CCSP, cordless compact sliding pliers 12–32



Fig.: Installation case  
AKA + AKSZ

### Installation case CSP 12-32 and CSP Li-Ion 12-32

Complete tool set with cordless compact widening pliers CCWP 12–32 as well as cordless compact sliding pliers CCSP 12–32 in a sturdy portable plastic case, for widening the pipes and pushing on sliding sleeves 12 to 32, CCWP for widening offset by up to 90°, CCSP with adjustable travel seating for reducing the travel for 12–20, special lubricating grease for lubricating the sliding surfaces, with rechargeable battery 9.6 V/3.0 Ah and battery charger AC 230 V with automatic voltage detection for Ni-Cd/Ni-MH batteries with charging current 3.0 A.

Contains:

- Cordless compact widening pliers CCWP 12–32
- Cordless compact sliding pliers CCSP 12–32
- 2 rechargeable batteries 12 V/1.5 Ah Li-Ion
- Battery charger AC 230 V (12 V for Li-Ion batteries)
- Special lubricating grease
- Operating manual

### Installation case cordless compact widening pliers CCWP 12-32

Complete tool set with cordless compact widening pliers CCWP 12–32 in a sturdy portable plastic case, for widening the pipes 12 to 32, for widening offset by up to 90°, special lubricating grease for lubricating the sliding surfaces, with rechargeable battery 9.6 V/3.0 Ah and battery charger AC 230 V with automatic voltage detection for Ni-Cd/ Ni-MH batteries with charging current 3.0 A.

Contains:

- Cordless compact widening pliers CCWP 12–32
- 1 battery 12 V/1.5 Ah Li-Ion
- Battery charger AC 230 V (12 V for Li-Ion batteries)
- Special lubricating grease
- Operating manual



Fig.: CCWP

### Installation case cordless compact sliding pliers CCSP 12-32

Complete tool set with cordless compact sliding pliers CCSP 12–32 in a sturdy portable plastic case, for pushing on sliding sleeves 12 to 32, with adjustable travel seating for reducing the travel for 12–20, special lubricating grease for lubricating the sliding surfaces, with rechargeable battery 9.6 V/3.0 Ah and battery charger AC 230 V with automatic voltage detection for Ni-Cd/Ni-MH batteries with charging current 3.0 A.

Contains:

- Cordless compact sliding pliers CCSP 12–32
- 1 battery 12 V/1.5 Ah Li-Ion
- Battery charger AC 230 V (12 V for Li-Ion batteries)
- Special lubricating grease
- Operating manual



Fig.: CCSP

### PRINETO accessories:

- Spare rechargeable batteries 12 V/1.5 Ah for CCWP + CCSP
- Battery charger AC 230 V (12 V for Li-Ion batteries)

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case CCWP + CCSP	9,350	878 800 090	1	2.235,00
Installation case CCWP	6,600	878 800 091	1	1.130,00
Installation case CCSP	8,150	878 800 092	1	1.340,00
Cordless compact widening pliers CCWP, separate, loose inc. operating manual	2,150	878 800 093	1	925,00
Cordless compact sliding pliers CCSP, separate, loose inc. operating manual	3,650	878 800 094	1	1.145,00
Rechargeable battery 9.6 V for CCWP + CCSP	0,550	878 800 095	1	145,50
Mains adapter AC 230 V for CCWP + CCSP	0,520	878 800 096	1	226,00

## PRINETO Installation case for CSP and ESP 2 drives



Complete tool set with adapter A 16–63 and sliding jaws 16–32 for PE-X and Stabil multilayer pipes in portable metal case, in conjunction with ESP 2 or CSP, also in conjunction with more recent push-on tools made by Novopress, Klauke, Roller and Rems (you can change to **PRINETO** and keep your old push-on drive!).

Contains:

- Adapter A 16–63
- Sliding jaws F 16, 20, 25, 32 for fittings
- Sliding jaws S 16, 20, 25, 32 for sliding sleeves for Nanoflex, plumbing, heating and surface heating pipes
- Sliding jaws S 16, 20, 25, 32 Stabil for sliding sleeves for Stabil multilayer pipes

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Installation case for drives	6,800	878 800 050	1	463,00

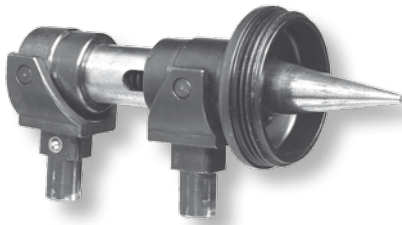
## PRINETO Adapter A 16–63 for CSP and ESP 2



For holding the sliding jaws or expander bits when making the sliding sleeve connection, in conjunction with ESP 2 or CSP, also in conjunction with more recent push-on tools made by Novopress, Klauke, Roller and Rems (you can change to **PRINETO** and keep your old push-on drive!).

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Adapter A 16–63	1,980	878 800 560	1	220,80

## PRINETO Expander bit



### Expander bit 14–32

For screwing on expander heads 14, 16, 17, 20 x 2.0, 20, 25 x 2.3, 25, 32 and the combination expander head 16–20, in conjunction with adapter and ESP 2 or CSP for widening the pipes.

### Expander bit 40–63

For screwing on expander bits 40, 50 and 63, in conjunction with adapter and ESP 2 or RSPD for widening the pipes.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Expander bit 14–32	0,866	878 800 402	1	178,00
Expander bit 40–63	0,976	878 800 700	1	205,00

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PRINETO Price list

## PRINETO Tool case "grand dimension"



### Installation case tools 40, 50, 63

#### Supplementary tool ESP 2/CSP

For widening Stabil multilayer pipes and sliding on sliding sleeves 40, 50 or 63, filled metal case.

Contains:

- Adapter A 16–63 (878 800 560))
- Pipe cutter 14–63 (878 800 140)
- Expander bit 40–63 (878 800 700)
- Expander head 40, 50 or 63
- Sliding jaw F 40, 50 or 63 for fittings
- Sliding jaws S 40, 50 or 63 Stabil for sliding sleeves for Stabil multilayer pipes

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Tool case for Stabil 40	9,350	878 800 051	1	o. r.
Tool case for Stabil 50	9,600	878 800 052	1	o. r.
Tool case for Stabil 63	11,000	878 800 053	1	o. r.

**PRINETO** Expander head surface heating

For widening surface heating pipes of Stabil multilayer pipes 14 and 16 in conjunction with MWP, CCWP or expander bit (14–32).

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Expander head 12 x 2.0	0,124	878 800 109	1	69,90
Expander head 14 x 2.0	0,120	878 800 110	1	69,90
Expander head 16 x 2.0	0,132	878 800 111	1	58,10
Expander head 17 x 2.0	0,132	878 800 115	1	58,10
Expander head 20 x 2.0	0,120	878 800 118	1	58,10
Expander head 25 x 2.0	0,141	878 800 119	1	58,10

**PRINETO** Expander head/Combination expander head 16–20

Expander head for widening plumbing, heating, Nanoflex and Stabil multilayer pipes (size 14 Nanoflex and Stabil multilayer pipes only) in conjunction with MWP, CCWP or expander bit 14–32.

Combination expander head 16–20 for widening Nanoflex, plumbing and heating pipes 16 and 20 and Stabil multilayer pipes 16 and 20 without changing the expander heads, in conjunction with MWP, CCWP or expander bit 14–32.



Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Expander head 14 x 2.0	0,120	878 800 110	1	69,90
Expander head 16 x 2.0	0,132	878 800 111	1	58,10
Combination expander head 16–20	0,118	878 800 116	1	82,80
Expander head 20 x 2.8	0,138	878 800 112	1	58,10
Expander head 25 x 3.5	0,128	878 800 113	1	58,10
Expander head 32 x 4.4	0,164	878 800 114	1	58,10

**PRINETO** Expander head

For widening Stabil multilayer pipes in conjunction with expander bit 40–63.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Expander head 40	0,385	878 800 740	1	145,50
Expander head 50	0,515	878 800 750	1	145,50
Expander head 63	0,750	878 800 108	1	215,50



## PRINETO Special expander head 40 (manual)



For the manual widening of the Stabil multilayer pipes 40, before the sliding sleeve connection.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Special expander head 40	0,210	878 800 117	1	82,80

## PRINETO Sliding jaw fitting



Sliding jaw F for making the sliding sleeve connection with Nanoflex, plumbing, heating, surface heating and Stabil multilayer pipes, tool for the fitting side, to be inserted in the sliding pliers or adapter.

Colour: brass

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Sliding jaw F-14	0,100	878 800 219	1	37,70
Sliding jaw F-16	0,100	878 800 221	1	37,70
Sliding jaw F-20	0,104	878 800 224	1	37,70
Sliding jaw F-25	0,127	878 800 227	1	40,90
Sliding jaw F-32	1,068	878 800 230	1	40,90
Sliding jaw F-40	0,192	878 800 760	1	113,50
Sliding jaw F-50	0,244	878 800 780	1	124,50
Sliding jaw F-63	0,350	878 800 240	1	129,50

## PRINETO Sliding jaw fitting PE-X



Sliding jaw S for making the sliding sleeve connection with Nanoflex, plumbing, heating and surface heating pipes (sliding jaw S-14 also for Stabil multilayer pipe 14), tool for the sliding sleeve side (brass-coloured sleeve), to be inserted in the sliding pliers or adapter.

Colour: black

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Sliding jaw S-14	0,100	878 800 220	1	37,70
Sliding jaw S-16	0,108	878 800 222	1	37,70
Sliding jaw S-20	0,112	878 800 225	1	37,70
Sliding jaw S-25	0,127	878 800 228	1	40,90
Sliding jaw S-32	0,146	878 800 231	1	40,90

**PRINETO** Sliding jaw Stabil

Sliding jaw S Stabil for making the sliding sleeve connection with Stabil multi-layer pipes as well as surface heating pipes 17, tool for the sliding sleeve side (nickel-plated sleeve), to be inserted in the sliding pliers or adapter.  
Colour: silver

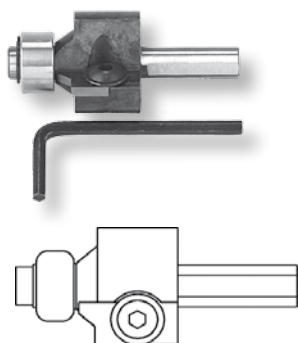
Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Sliding jaw S-16 Stabil	0,108	878 800 223	1	37,70
Sliding jaw S-20 Stabil	0,110	878 800 226	1	37,70
Sliding jaw S-25 Stabil	0,138	878 800 229	1	40,90
Sliding jaw S-32 Stabil	0,146	878 800 232	1	40,90
Sliding jaw S-40 Stabil	0,172	878 800 770	1	113,50
Sliding jaw S-50 Stabil	0,230	878 800 790	1	124,50
Sliding jaw S-63 Stabil	0,350	878 800 241	1	129,50

**PRINETO** Sliding jaw fitting and sliding sleeve 12

Sliding jaw F/S 12 for making the sliding sleeve connection with surface heating pipe 12, tool for the fitting and for the sliding sleeve side (in other words two of these are needed for pressing), for use in the manual sliding pliers or the CCSP.

Colour: black

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Sliding jaw F/S-12	0,097	878 800 215	1	53,80

**PRINETO** Milling cutter

Milling cutter for internal threads G/Rp 1/2 for cutting and chamfering brass components with 1/2" internal threads (e.g. tap extension or wall angle), for use in quick-release chucks on screw drillers, complete with 4 mm Allen key for replacing the cutting blade.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Milling cutter 1/2" IG	0,170	878 801 002	1	67,80
Cutting blade for milling cutter	0,006	878 801 003	5	24,80

## PRINETO Pipe shears



Pipe shears up to 32 for the right-angled cutting of Nanoflex, heating, surface heating, plumbing and Stabil multilayer pipes 12 to 32.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Pipe shears 12-32	0,612	878 800 120	1	69,90
Spare blade for pipe shears 12-32	0,100	878 800 121	1	25,70

## PRINETO Pipe cutter 12-63



For right-angled and perfectly circular cutting of all **PRINETO** pipes, cutting wheel only suitable for plastic pipes!

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Pipe cutter 12-63	0,818	878 800 140	1	156,50
Cutting wheel for pipe cutter 12 - 63	0,100	878 800 141	1	22,65

## PRINETO Pipe shears with corrugated pipe cutter



Pipe shears up to 20 with corrugated pipe cutter up to 24 for rightangled cutting of Nanoflex, heating, surface heating, plumbing and Stabil multilayer pipes 12 to 20 and for shortening corrugated pipes 20 and 24 without damaging the inner pipe.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Pipe shears with corrugated pipe cutter	0,320	878 800 150	1	104,50
Spare blade for pipe shears	0,026	878 800 151	1	26,70
Spare blade for corrugated pipe cutter	0,020	878 800 152	1	51,60

## PRINETO Internal bending spring







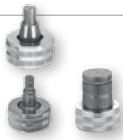



For additional stabilisation of the Stabil multilayer pipe from inside when bending very narrow radii.  
Material: steel







Description	l mm	d mm	Weight kg/pc.	Art.-no.	Pack qty	€/m
Internal bending spring 16	1000	11	0,314	878 682 100	1	8,60
Internal bending spring 20	1000	14	0,416	878 682 200	1	9,90

# Assignment of **PRINETO** complete tools







2





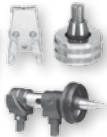

PRINETO Price list

Article number	878 800 010		878 800 630		878 800 570		878 800 550	
Description	Installation case MWP, widening pliers		Installation case MSWP		Installation case TSP + MWP Stabil 14-20		Installation case TSP + MWP Stabil 14-20	
Basic tool								
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2,0 mm								
PE-X 14 x 2,0 mm					■	■	■	
Stabil 14					■	■	■	■
PE-X 16 x 2,2 mm	■		■	■	■	■	■	
Stabil 16	■		■	■	■	■	■	■
PE-X 17 x 2,0 mm				■	■	■		■
PE-X 20 x 2,0 mm				■	■	■		
PE-X 20 x 2,8 mm	■		■	■	■	■	■	
Stabil 20	■		■	■	■	■	■	■
PE-X 25 x 2,3 mm								
PE-X 25 x 3,5 mm	■							
Stabil 25	■							
PE-X 32 x 4,4 mm	■							
Stabil 32	■							
Stabil 40								
Stabil 50								
Stabil 63								
In combination with supplementary tools								
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2,0 mm	■		■		■	■	■	■
PE-X 14 x 2,0 mm	■		■		■	■	■	■
Stabil 14	■		■		■	■	■	■
PE-X 16 x 2,2 mm	■				■	■	■	■
Stabil 16	■				■	■	■	■
PE-X 17 x 2,0 mm	■				■	■	■	■
PE-X 20 x 2,0 mm	■				■	■	■	■
PE-X 20 x 2,8 mm	■				■	■	■	■
Stabil 20	■				■	■	■	■
PE-X 25 x 2,3 mm	■				■		■	
PE-X 25 x 3,5 mm	■				■		■	
Stabil 25	■				■		■	
PE-X 32 x 4,4 mm	■				■		■	
Stabil 32	■				■		■	
Stabil 40	■				■		■	
Stabil 50								
Stabil 63								

Article number	878 800 530		878 800 020		878 800 025	
Description	Installation case TSP, toggle-lever		Installation case MSP, manual sliding pliers		Installation case MSP Stabil	
Basic tool						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2,0 mm						
PE-X 14 x 2,0 mm						
Stabil 14						
PE-X 16 x 2,2 mm		■		■		
Stabil 16		■		■		■
PE-X 17 x 2,0 mm		■		■		■
PE-X 20 x 2,0 mm		■		■		
PE-X 20 x 2,8 mm		■		■		
Stabil 20		■		■		■
PE-X 25 x 2,3 mm				■		
PE-X 25 x 3,5 mm				■		
Stabil 25				■		■
PE-X 32 x 4,4 mm				■		
Stabil 32				■		■
Stabil 40						
Stabil 50						
Stabil 63						
In combination with supplementary tools						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2,0 mm		■		■		■
PE-X 14 x 2,0 mm		■	■	■	■	■
Stabil 14		■	■	■	■	■
PE-X 16 x 2,2 mm		■	■	■	■	■
Stabil 16		■	■	■	■	■
PE-X 17 x 2,0 mm		■	■	■	■	■
PE-X 20 x 2,0 mm		■	■	■	■	■
PE-X 20 x 2,8 mm		■	■	■	■	■
Stabil 20		■	■	■	■	■
PE-X 25 x 2,3 mm			■	■	■	■
PE-X 25 x 3,5 mm			■	■	■	■
Stabil 25			■	■	■	■
PE-X 32 x 4,4 mm			■	■	■	■
Stabil 32			■	■	■	■
Stabil 40						
Stabil 50						
Stabil 63						

**2**  
PRINETO Price list

Article number	878 800 590		878 800 591		878 800 592	
Description	Installation case CCWP + CCSP		Installation case CCWP		Installation case CCSP	
Basic tool						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2,0 mm						
PE-X 14 x 2,0 mm						
Stabil 14						
PE-X 16 x 2,2 mm						
Stabil 16						
PE-X 17 x 2,0 mm						
PE-X 20 x 2,0 mm						
PE-X 20 x 2,8 mm						
Stabil 20						
PE-X 25 x 2,3 mm						
PE-X 25 x 3,5 mm						
Stabil 25						
PE-X 32 x 4,4 mm						
Stabil 32						
Stabil 40						
Stabil 50						
Stabil 63						
In combination with supplementary tools						
Pipe dimension	Widening	Sliding	Widening	Sliding	Widening	Sliding
PE-X 12 x 2,0 mm	■	■	■			■
PE-X 14 x 2,0 mm	■	■	■			■
Stabil 14	■	■	■			■
PE-X 16 x 2,2 mm	■	■	■			■
Stabil 16	■	■	■			■
PE-X 17 x 2,0 mm	■	■	■			■
PE-X 20 x 2,0 mm	■	■	■			■
PE-X 20 x 2,8 mm	■	■	■			■
Stabil 20	■	■	■			■
PE-X 25 x 2,3 mm	■	■	■			■
PE-X 25 x 3,5 mm	■	■	■			■
Stabil 25	■	■	■			■
PE-X 32 x 4,4 mm	■	■	■			■
Stabil 32	■	■	■			■
Stabil 40						
Stabil 50						
Stabil 63						

Article number	878 800 045					878 800 083				
Description	Installation case ESP 2, electric sliding pliers					Installation case CSP Li-Ion, cordless sliding pliers				
Basic tool										
Pipe dimension	Widening		Sliding			Widening		Sliding		
PE-X 12 x 2,0 mm										
PE-X 14 x 2,0 mm										
Stabil 14										
PE-X 16 x 2,2 mm										
Stabil 16										
PE-X 17 x 2,0 mm										
PE-X 20 x 2,0 mm										
PE-X 20 x 2,8 mm										
Stabil 20										
PE-X 25 x 2,3 mm										
PE-X 25 x 3,5 mm										
Stabil 25										
PE-X 32 x 4,4 mm										
Stabil 32										
Stabil 40										
Stabil 50										
Stabil 63										
In combination with supplementary tools										
Pipe dimension	Widening		Sliding			Widening		Sliding		
PE-X 12 x 2,0 mm										
PE-X 14 x 2,0 mm	■					■				
Stabil 14	■					■				
PE-X 16 x 2,2 mm	■		■	■		■		■	■	
Stabil 16	■		■	■		■		■	■	
PE-X 17 x 2,0 mm	■		■	■		■		■	■	
PE-X 20 x 2,0 mm	■		■	■		■		■	■	
PE-X 20 x 2,8 mm	■		■	■		■		■	■	
Stabil 20	■		■	■		■		■	■	
PE-X 25 x 2,3 mm	■		■	■		■		■	■	
PE-X 25 x 3,5 mm	■		■	■		■		■	■	
Stabil 25	■		■	■		■		■	■	
PE-X 32 x 4,4 mm	■		■	■		■		■	■	
Stabil 32	■		■	■		■		■	■	
Stabil 40	■	■		■	■	■	■		■	■
Stabil 50	■	■		■	■	■	■		■	■
Stabil 63	■	■		■	■	■	■		■	■

# Skirting radiators

2

PRINETO Price list

IVT skirting radiators provide a natural radiation heat that humans feel as particularly pleasant and soothing.

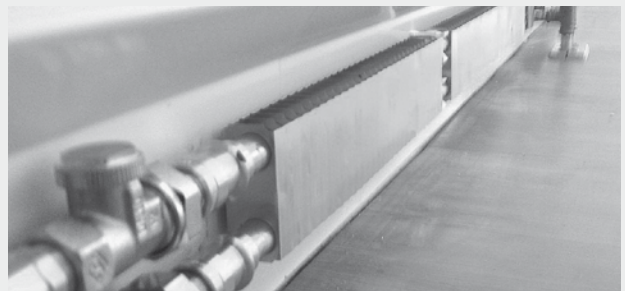
Furthermore, skirting radiators have a significant advantage compared to standard heating types such as radiators and convectors. The skirting radiator heats the surfaces enclosing the room, thus the walls, ceilings and floors. Skirting heaters therefore also prevent the formation of mould.

Due to the warm surfaces enclosing the room even a lower room temperature is felt as pleasant.

The skirting radiator has already been implemented successfully in old and new buildings, living spaces, schools, museums, kindergartens, homes for the elderly and nursing homes, conservatories, indoor sports centres, damp cellar rooms and landmarked objects.

## Highlights **PRINETO** skirting radiators

- Pleasant radiation heat thanks to heated walls.
- Low exposure to micro dust.
- Quick regulation with distribution system for heating circuit.
- Energy saving compared to radiator heating.
- Low amount of water in the heating elements.
- Consistent room temperature.



## **PRINETO** Heating register

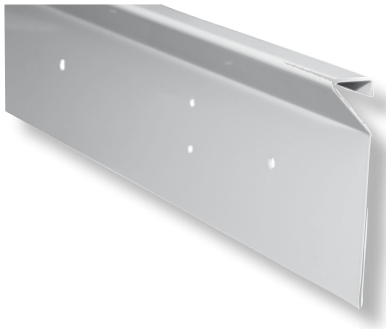


Heating register consisting of two copper pipes located on top of each other 15 x 1 mm with press-mounted, trapezoidal copper segments 0.2 mm.

Description	l mm	Weight kg/pc.	h mm	Art.-no.	Pack qty m	€/m.
Heating register 1,25 m	1250	0,550	35	878 386 501	1,25	92,00
Heating register 2,50 m	2500	1,100	35	878 386 500	2,5	84,20



## PRINETO Basic wall panel



Basic wall panel consisting of 2 mm aluminium with powder coating RAL 9016 with pre-punched mounting openings; public building model (PBM): wall panel perforated

Description	l mm	h mm	td mm	Weight kg/pc.	Art.-no.	Pack qty m	€/m.
Basic wall panel	2500	150	30	1,180	878 386 502	2,5	24,60
Basic wall panel double	2500	270	30	1,810	878 386 503	2,5	46,20
Basic wall panel perforated (PBM)	2500	170	30	0,950	878 386 504	2,5	59,45
Basic wall panel perforated (PBM) double	2500	280	30	1,560	878 386 505	2,5	77,60

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PRINETO Price list

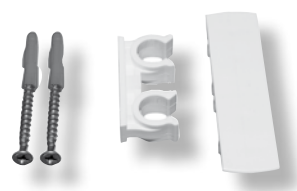
## PRINETO Cover panel



Cover panel consisting of 2 mm drawn aluminium with powder coating RAL 9016.

Description	l mm	h mm	Weight kg/pc.	Art.-no.	Pack qty m	€/m.
Cover panel of 2 mm drawn aluminium	2500	100	0,580	878 386 506	2,5	25,90
Cover panel for thermostat head	620	100	0,465	878 386 528	1	45,40

## PRINETO Plastic bracket



Plastic bracket, 2 pieces for heating register and cover panel including fitting. Contents: 2 pieces dowels 6 mm, 2 pieces galvanised screws 4 x 40 mm.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Plastic bracket	0,024	878 386 507	1	4,30

**PRINETO** Internal corners

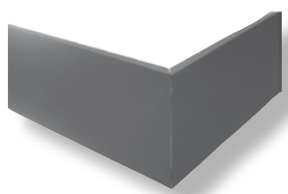
Internal corners with two mitre cuts 45° made from 2 mm aluminium coating RAL 9016 and pre-punched mounting openings.

Description	l mm	h mm	t mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Internal corners	2 x 150	150	30	0,300	878 386 508	1	21,50
Internal corners double	2 x 150	270	30	0,55	878 386 509	1	32,10

**PRINETO** Wall panel for external corners

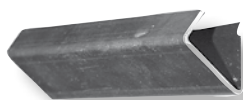
External corners with two mitre cuts 45° made from 2 mm aluminium powder coating RAL 9016 and pre-punched mounting openings.

Description	l mm	h mm	t mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Wall panel external corners	2 x 150	150	30	0,300	878 386 510	1	21,50
Wall panel external corners double	2 x 150	270	30	0,55	878 386 511	1	32,10

**PRINETO** Cover panel for external corners

Cover panel für external corners with two mitre cuts 45° from 2 mm drawn aluminium power coating RAL 9016.

Description	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Cover panel external corners	2 x 500	0,300	878 386 512	1	26,50

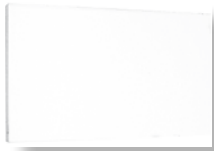
**PRINETO** Butt connector for base wall panel

Butt connector for base wall panel BW-3 and BW-3D made from 1 mm aluminium, raw.

Description	l mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Butt connector for BW-3 und BW-3D	100	30	0,013	878 386 513	1	4,00

## PRINETO Joint collector for skirting cover panel

Joint collector for skirting cover panel made from 3 mm aluminium (un-treated).

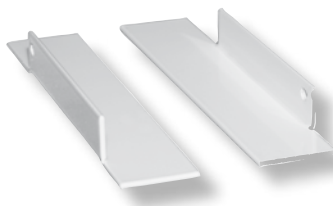


Description	l mm	h mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Joint collector for skirting cover panel	100	50	0,040	878 386 514	1	4,00

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PRINETO Price list

## PRINETO End pieces angled



End pieces angled made from 2 mm aluminium powder coating RAL 9016 and pre-punched mounting openings. 2 pieces = left and right

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
End piece for BW-3	0,070	878 386 515	1 (pair)	26,20
End piece for BW-3D	0,100	878 386 516	1 (pair)	35,60
End piece for BW-3 perforated (BM)	0,070	878 386 517	1 (pair)	26,20
End piece for BW-3D perforated (BM)	0,100	878 386 518	1 (pair)	35,60

## PRINETO Deflection compensator



VA Deflection compensator, bendable, connection 3/8" AG union nut 3/8" flat-sealing, suitable for press-fit connector 15 x 1 mm.

Description	l mm	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Deflection compensator	105	0,060	878 386 519	1	35,30

**PRINETO** Mounting set for base wall panel

Mounting set for base wall panel consisting of plastic collar 8 mm and MS screws 60 x 50 mm.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Mounting set for base wall panel	0,010	878 386 520	1	2,30

**PRINETO** Heating elements with protective conductor

Heating elements with protective conductor, Al 200 mm with fibreglass nickel wire, head with silicone sealed, 50 mm at both ends not heated.

Description	Ø mm	l mm	Watt	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Heater 100 W	8,5	500	100	0,183	878 386 521	1	64,40
Heater 200 W	8,5	1000	200	0,375	878 386 522	1	75,20
Heater 300 W	8,5	1500	300	0,549	878 386 523	1	85,90
Heater 400 W	8,5	2000	400	0,732	878 386 524	1	103,50

**PRINETO** Plug with plug connector

Plug with plug connector 10 A, for safe electrical connection..

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Plug with plug connector	0,053	878 386 525	1	16,10
Mains cable with plug and connector	0,200	878 386 526	1	22,55

**PRINETO** Flattener

Flattener for plastic bracket and cover panel.

Description	Weight kg/pc.	Art.-no.	Pack qty	€/pc.
Flattener	0,091	878 386 527	1	37,80



### 3. **PRIPRESS** Pricelist



**PRIPRESS** Pricelist

Installation system

S. 155

## PRIPRESS® Installation system – fast, direct, safe

**NEW!**

The new **PRIPRESS** radial pressing system from IVT stands out on account of its especially easy and quick fitting: Unlike other commercially available systems, no deburring or calibration are necessary when a **PRIPRESS** pipe connection is produced, which means time-savings of up to 30% are possible during laying.

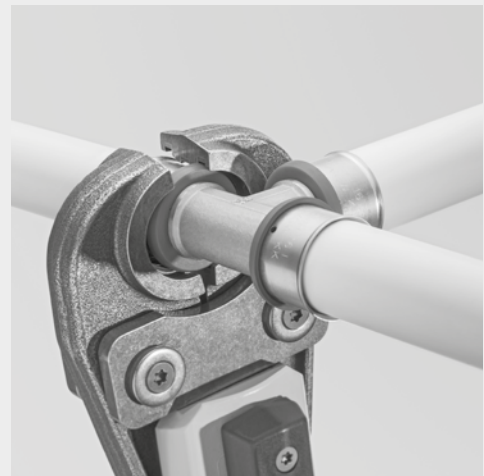
Simply cut the pipe to length, insert it in the connector, check and press – done! If pressing should be forgotten, you will recognise this reliably during the pressure test since the connection

is not watertight when not pressed. This ensures optimum safety during installation.

The **PRIPRESS** connection can be processed using many standard pressing tools (contours TH, H, U\*). There is usually no need to purchase new tools. The **PRIPRESS** fitting is made of a brass alloy with a positive evaluation from the German Federal Environment Agency (UBA). The **PRIPRESS** universal composite pipe and the connection have been tested and approved in accordance with DVGW/ÖVGW.

### Highlights **PRIPRESS**:

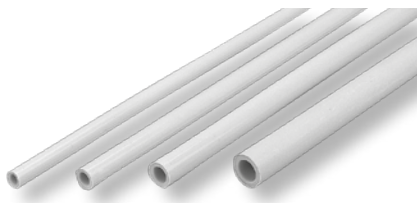
- Pressing with standard pressing jaws (contours TH, H, U\*)
- Not watertight when not pressed
- No calibration and deburring necessary
- Viewing window in the pressing sleeve for checking – marking of the insertion depth not necessary
- Protected internal O-rings
- Universal system for heating and sanitary installations
- Composite pipes PE-RT/AL/PE-RT 16 x 2.0 to 32 x 3.0
- Brass alloy approved by the German Federal Environment Agency (UBA)
- DVGW / ÖVGW approved



PRIPRESS Pricelist

\*Dimension 16 and 20

### PRIPRESS Universal MLCP pipe



Multilayer PE-RT/AL/PE-RT composite pipe, bundle or 4 m rod

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Verbundrohr Bund	16x2,0	0,105	878 020 100	200	1,80
Verbundrohr Stange	16x2,0	0,105	878 020 101	200	2,60
Verbundrohr Bund	20x2,0	0,140	878 020 200	100	2,60
Verbundrohr Stange	20x2,0	0,140	878 020 201	128	3,10
Verbundrohr Bund	26x3,0	0,260	878 020 300	50	5,10
Verbundrohr Stange	26x3,0	0,260	878 020 301	72	5,80
Verbundrohr Stange	32x3,0	0,360	878 020 401	48	8,80

## **PRIPRESS** Universal MLCP pipe, with concentric insulation



Multilayer PE-RT/AL/PE-RT composite pipe, with concentric insulation in accordance with DIN 1988, approved in accordance with DVGW worksheet W 542, application classes 1, 2, 4 and 5 in accordance with EN ISO 21003-1, enclosed by closed-cell polyethylene (WLG 040) with tough PE-outer skin, bundle. Colour of pipe: white  
Colour of insulation: grey

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Verbundrohr konzentrisch. vorgedämmt 6 mm	16x2,0	0,134	878 020 106	50	2,90
Verbundrohr konzentrisch. vorgedämmt 9 mm	16x2,0	0,147	878 020 109	50	3,55
Verbundrohr konzentrisch. vorgedämmt 6 mm	20x2,0	0,173	878 020 206	50	3,80
Verbundrohr konzentrisch. vorgedämmt 9 mm	20x2,0	0,187	878 020 209	50	4,25
Verbundrohr konzentrisch. vorgedämmt 6 mm	26x 3,0	0,298	878 020 306	25	6,70
Verbundrohr konzentrisch. vorgedämmt 9 mm	26x 3,0	0,312	878 020 309	25	7,50

## **PRIPRESS** Angle 90°



For the connection of **PRIPRESS** universal pipe.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Angle 90°	16	0,060	878 074 110	10	7,20
Angle 90°	20	0,085	878 074 220	10	8,40
Angle 90°	26	0,135	878 074 330	5	13,40
Angle 90°	32	0,200	878 074 440	5	19,50

## **PRIPRESS** Angle 45°

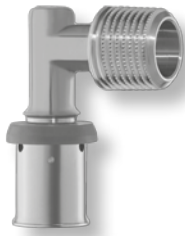


For the connection of **PRIPRESS** universal pipe.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Angle 45°	26	0,130	878 075 330	5	25,40
Angle 45°	32	0,195	878 075 440	5	29,80



## PRIPRESS Angle transition with external thread



Angle transition with R-external thread for the angled connection of the **PRIPRESS** universal pipe to components with Rp internal thread.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Angle transition	16-R 1/2	0,070	878 074 150	10	8,20
Angle transition	20-R 1/2	0,080	878 074 250	10	11,40
Angle transition	20-R 3/4	0,090	878 074 260	10	15,20
Angle transition	26-R 3/4	0,135	878 074 360	5	17,90
Angle transition	32-R 1	0,230	878 074 470	5	26,50

## PRIPRESS Angle transition with internal thread

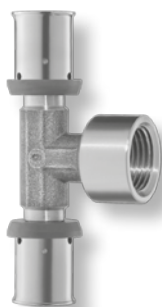


For the angled connection of **PRIPRESS** universal pipe to components with R-external thread.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Angle transition	16-Rp 1/2	0,090	878 072 150	10	8,40
Angle transition	20-Rp 1/2	0,105	878 072 250	10	11,20
Angle transition	20-Rp 3/4	0,165	878 072 260	10	14,80
Angle transition	26-Rp 3/4	0,180	878 072 360	5	18,20
Angle transition	32-Rp 1	0,245	878 072 470	5	29,10



## PRIPRESS Tee piece with outlet internal thread



For distributing or merging media flows with **PRIPRESS** universal pipe, with outlet Rp internal thread.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Tee	16-Rp 1/2-16	0,120	878 062 151	10	17,50
Tee	20-Rp 1/2-20	0,105	878 062 252	10	19,20
Tee	26-Rp 1/2-26	0,165	878 062 353	5	22,80
Tee	26-Rp 3/4-26	0,215	878 062 363	5	24,80
Tee	32-Rp 1/2-32	0,245	878 062 454	5	29,90
Tee	32-Rp 3/4-32	0,285	878 062 464	5	31,40

## **PRIPRESS** Coupler



For the connection of **PRIPRESS** universal pipe.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Coupler	16	0,040	878 040 110	10	5,50
Coupler	20	0,055	878 040 220	10	6,40
Coupler	26	0,085	878 040 330	5	11,40
Coupler	32	0,105	878 040 440	5	15,60

## **PRIPRESS** Reducing coupler



For the connection of **PRIPRESS** universal pipe.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Reducing coupler	20-16	0,050	878 040 210	10	7,80
Reducing coupler	26-20	0,075	878 040 320	5	9,90
Reducing coupler	32-26	0,105	878 040 430	5	17,40

## **PRIPRESS** Blind plug



For capping of **PRIPRESS** universal pipe.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Blind plug	16	0,020	878 043 150	10	5,70
Blind plug	20	0,030	878 043 160	10	8,70

## **PRIPRESS** Transition with external thread



Transition with R external thread for the connection of the **PRIPRESS** universal pipe to components with Rp-internal thread.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Transition	16-R 1/2	0,045	878 041 150	10	5,30
Transition	20-R 1/2	0,055	878 041 250	10	6,80
Transition	20-R 3/4	0,070	878 041 260	10	7,80
Transition	26-R 3/4	0,085	878 041 360	5	10,90
Transition	26-R 1	0,120	878 041 370	5	12,80
Transition	32-R 1	0,130	878 041 470	5	14,30

## PRIPRESS Transition with internal thread



Transition with Rp internal thread For the connection of the **PRIPRESS** universal pipe to components with R-external thread.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Transition	16-Rp 1/2	0,075	878 042 150	10	6,30
Transition	20-Rp 1/2	0,085	878 042 250	10	8,40
Transition	20-Rp 3/4	0,110	878 042 260	10	9,40
Transition	26-Rp 3/4	0,125	878 042 360	5	13,80
Transition	26-Rp 1	0,165	878 042 370	5	15,40
Transition	32-Rp 1	0,165	878 042 470	5	17,30

## PRIPRESS Transition with union nut



For the detachable connection of the **PRIPRESS** universal pipe to components with G-external flat-sealing thread, incl. flat seal in accordance with the KTW recommendation.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Transition	16-G 3/4	0,070	878 043 030	10	14,80
Transition	20-G 3/4	0,075	878 040 030	10	16,20
Transition	26-G 1	0,120	878 040 080	5	18,40

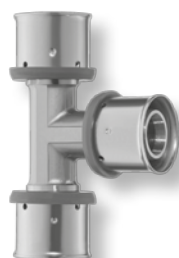
## PRIPRESS Transition with radial pressing nipple



System transition from **PRIPRESS** universal pipe insertion end, for radial pressing in copper or high-precision steel fittings.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Transition	16-P15	0,040	878 043 190	10	8,70
Transition	20-P18	0,060	878 043 290	10	10,90
Transition	20-P22	0,055	878 043 294	10	11,20
Transition	26-P22	0,075	878 043 390	5	12,80

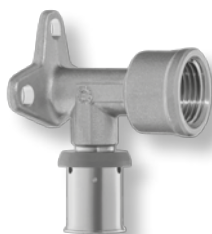
## PRIPRESS Tee piece



For the distribution or merging of media flows. All connections for **PRIPRESS** universal pipe.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Tee	16	0,075	878 060 111	10	8,70
Tee	16-20-16	0,110	878 060 121	10	14,80
Tee	20-16-16	0,100	878 060 211	10	15,70
Tee	20-16-20	0,110	878 060 212	10	13,90
Tee	20-20-16	0,105	878 060 221	10	14,60
Tee	20	0,110	878 060 222	10	11,80
Tee	26-16-20	0,145	878 060 312	5	18,90
Tee	26-16-26	0,160	878 060 313	5	18,30
Tee	26-20-20	0,150	878 060 322	5	18,80
Tee	26-20-26	0,160	878 060 323	5	19,40
Tee	26-26-16	0,150	878 060 331	5	22,20
Tee	26-26-20	0,160	878 060 332	5	22,60
Tee	26	0,170	878 060 333	5	18,60
Tee	32-16-32	0,240	878 060 414	5	35,80
Tee	32-20-32	0,245	878 060 424	5	37,20
Tee	32-26-26	0,240	878 060 433	5	34,90
Tee	32-26-32	0,250	878 060 434	5	36,30
Tee	32	0,240	878 060 444	5	25,40

## PRIPRESS Wall angle



Tapping fitting for screwing in fittings.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Wall angle	16-Rp 1/2 kurz	0,125	878 050 071	10	9,80
Wall angle	20-Rp 1/2 kurz	0,125	878 050 081	10	11,40
Wall angle	20-Rp 3/4	0,220	878 050 090	10	15,20

## PRIPRESS Wall angle U



Tapping fitting for screwing in fittings.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Wall angle U	16-Rp 1/2	0,220	878 052 110	10	24,80
Wall angle U	20-Rp 1/2	0,240	878 052 120	10	33,20

## PRIPRESS Radiator connection box 16 x 2,0, double



For connecting radiators (gauge size 50 mm) fixed to the wall (radiator connections in conjunction with clamp screw connections 16 x 2,0-V Euro and valve block, corner type; pipe connections in conjunction with couplers size 16), consisting of rigid foam block with mounting straps and U connection elbows made of **PRIPRESS** universal pipe 16. (insulated 100 % acc. to EnEV) Dimensions: 125 mm (w) x 260 mm (h) x 60 mm (d). Length of connection pipe: 150 mm.

Material: PE-RT/AL/PE-RT, polyurethan, steel

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Radiator connection box	16 x 2,0	0,390	878 012 440	1	36,58

## PRIPRESS Heizkörper-Anschlussbox 16 x 2,0, double variable

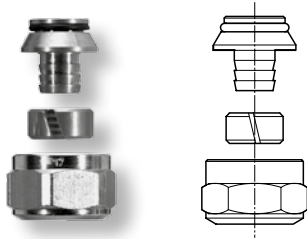


For connecting radiators (gauge size 50 mm) fixed to the wall fixed to the wall at variable height (radiator connections in conjunction with clamp screw connections 16 x 2,0-V Euro and valve block, corner type; pipe connections in conjunction with couplers size 16), consisting of rigid foam block with mounting straps and U connection elbows made of **PRIPRESS** universal pipe 16. (insulated 100 % acc. to EnEV). Dimensions: 125 mm (w) x 190 mm (h) x 60 mm (d). Length of connection pipe: 150 mm.

Material: PE-RT/AL/PE-RT, polyurethan, steel

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Radiator connection box variable	16 x 2,0	0,328	878 012 450	1	35,06

## **PRINETO** Clamp/screw-in Euro-cone V-Euro



For the direct connection of **PRINETO** surface heating pipes and **PRIPRESS** universal pipe to Euro-cone 3/4" external thread, tightening torque 40-50 Nm – deburr and calibrate the pipe after cutting to length! Consisting of Euro-cone with supporting body, clamp ring and union nut.  
Material: brass, EPDM, polyamide

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Clamp/screw-in Euro-cone	16 x 2,0-V Euro	0,065	878 386 203	2	5,80
Clamp/screw-in Euro-cone	20 x 2,0-V Euro	0,066	878 386 015	2	6,70

## **PRIPRESS** Pressing jaws TH



Pressing jaw for use in standard drives e.g. from Rems, Roller etc.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Pressing jaw TH	16	1,950	878 800 800	1	220,00
Pressing jaw TH	20	1,950	878 800 801	1	220,00
Pressing jaw TH	26	2,170	878 800 802	1	220,00
Pressing jaw TH	32	2,170	878 800 803	1	220,00

## **PRIPRESS** Calibrating tool



For the calibration **PRIPRESS** universal pipe.

Description	Dim.	Weight kg/m	Art.-no.	PU	€/m
Calibrating tool	26x3	0,110	878 800 812	1	61,00
Calibrating tool	32x3	0,172	878 800 813	1	67,00



## 4. **LATENTO** Price List



#### **LATENTO** Price list

Solar simulation	p. 165
Solar stratified storage tank	p. 166
Vacuum tube collector/accessories	p. 168
Controller	p. 170
Pump groups/accessories	p. 172



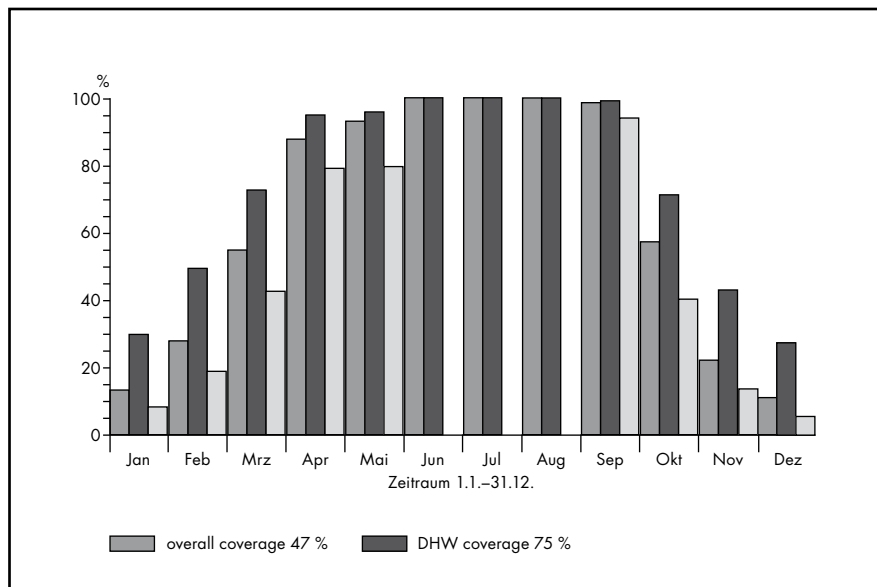
## LATENTO® Solar simulation

Would you like us to help you by simulating a specific solar installation project? We would be happy to provide you with a simulation of your concrete example by means of a standardised data collection sheet (available upon request or from [www.latento.de](http://www.latento.de)) at a cost of €156.00. Should you choose to complete your project by installing a **LATENTO** solar system, the planning fee will be deducted from the purchase price.

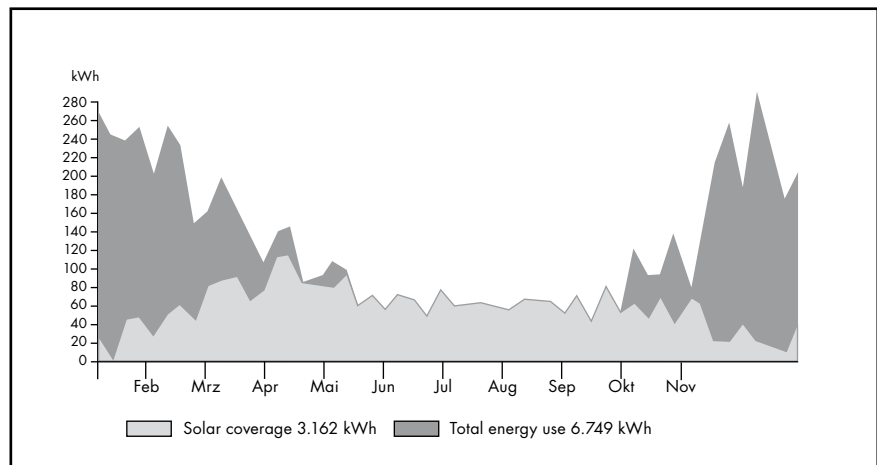
Description	Art.-no.	Unit	€/Unit
Solar simulation	878 700 200	1	156,00

### Sample plan:

A three-litre house with 140 m<sup>2</sup> living space, and floor heating  
 Hot water requirement of 150 l/d 10.23 m<sup>2</sup>  
 collector area (3 **LATENTO** CPC 18units)  
 Location: Freiburg, Germany



Sample plan: Solar coverage rates for hot water generation and auxiliary heating as well as overall coverage



Sample plan: Total energy use, hot water and solar coverage

# LATENTO® Solar stratified storage tank

## LATENTO XXL Solar stratified storage tank



Fig. with electrical heating element (accessory)

Unpressurized plastic solar storage tank according to DIN 4753 and DIN 4708 with integrated latent material particularly suited for operation with regenerative systems (with low reheating, e.g. with heat pumps), with integrated PUR insulation, gross volume 540 litres, with hot water, heating and solar heat exchanger of long-wave stainless steel corrugated pipes for improved heat yield, external thread connector G 1 ¼, with latent material.

	XXL 500
Gross content (l)	536
Measure HxTxB (cm)	158x78x78

Description	Art.-no.	Unit	€/Unit
XXL 500 Solar stratified storage tank	878 702 210	1	3.760,00
WP-S 500 Solar stratified storage tank for heat pumps	878 702 240	1	3.890,00

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LATENTO Price list

## LATENTO XW Hot water storage tank



Fig. with electrical heating element (accessory)

Unpressurized plastic solar storage tank for hot water generation in single and multiple-occupancy buildings. Integrated PUR insulation, gross volume 540 litres, with hot water heat exchanger and heating heat exchanger of longwave stainless steel corrugated pipes for improved heat yield, external thread connector G 1 ¼, with latent material.

	XW 500
Gross content (l)	536
Measure HxTxB (cm)	158x78x78

Description	Art.-no.	Unit	€/Unit
XW 500 Hot water storage tank	878 702 220	1	2.795,00

## LATENTO XP Buffer storage tank



Unpressurized plastic storage tank as a buffer for recharging the boiler from different heat generating units. With integrated PUR insulation, gross volume 540 litres, with heat exchanger of long-wave stainless steel corrugated pipes for improved heat yield, external thread connector G 1 ¼, with latent material.

	XP 500
Gross content (l)	536
Measure HxTxB (cm)	158x78x78

Description	Art.-no.	Unit	€/Unit
XP 500 Buffer storage tank	878 702 230	1	2.190,00

Fig. with electrical heating element (accessory)

## LATENTO Electrical heating element



To electrically heat the storage tank, power 3, 6 and 9 KW with adjustable 3 pole temperature controller (0–85 °C) and limiter (110 °C), protection class IP 45, screw-in thread G 1 1/2, plastic cap, black, Total length: 125 cm, heating spiral 112 cm, upper not heated area approx. 42 cm.

Description	Art.-no.	Unit	€/Unit
Electrical heating element 3/6/9 KW	878 700 039	1	425,00

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LATENTO Preisliste

## LATENTO Connection angle Rp1 - G1 1/4 - Rp 1/2



**LATENTO** connection angle for mounting to **LATENTO** holder for connection bracket stepped (878700093), sound-proofed installation thanks to polyamidewashers on securing screws of type M 5 suitable for sanitary, heating sectors as well as solar, material: brass, polyamide, steel, annealed cast iron.

Description	Art.-no.	Unit	€/Unit
Connection angle Rp1 - G1 1/4 - Rp 1/2	878 700 091	2	19,75
Holder for connection angle	878 700 093	1	14,75

# LATENTO<sup>®</sup> Vacuum tube collector/accessories

## LATENTO Vacuum tube collector CPC



High-duty collector with CPC mirror, break-resistant glass tubes with vacuum insulation, highly selectively coated, including 2 cutting ring couplings at copper pipe 15 x 1 mm, completely premounted, connections top right and left.

**LATENTO** CPC 12: collector area 2.28 m<sup>2</sup>, absorber area 2.0 m<sup>2</sup>, 12 tubes

**LATENTO** CPC 18: collector area 3.41 m<sup>2</sup>, absorber area 3.0 m<sup>2</sup>, 18 tubes

Dimension CPC 12: 139x164x12 cm

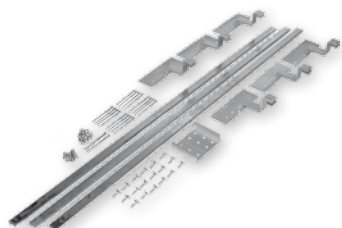
Dimension CPC 18: 208x164x12 cm

Description	Art.-no.	Unit	€/Unit
Vacuum tube collector CPC 12	878 700 054	1	1.130,00
Vacuum tube collector CPC 18	878 700 055	1	1.570,00
Spare tube for collector CPC	878 700 059	1	43,30

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LATENTO Price list

## LATENTO Roof mounting set CPC



For mounting of vacuum tube collector CPC 12 or CPC 18 on roof (tiled roofs only – others on request).

Description	Art.-no.	Unit	€/Unit
Roof mounting set CPC 12	878 700 056	1	191,00
Roof mounting set CPC 18	878 700 057	1	268,50

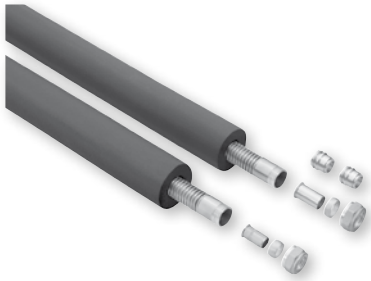
## LATENTO Flat-roof mounting set



To fasten CPC 12 or CPC 18 evacuated tube collectors to the ground or to buildings with flat roofs..

Description	Art.-no.	Unit	€/Unit
Flat roof 45° mounting set	878 700 067	1	298,50
Flat roof 30° / 60° mounting set	878 700 068	1	298,50

## LATENTO Connection set Speed CPC



For flexible collector connection through roof. Consisting of 2 flexible corrugated stainless steel pipes, 1.0 m each, with high-temperature resistant heat insulation, including cutting ring couplings at copper pipe 15 x 0,8 mm, completely premounted, additional 2 supporting sleeved 15 x 1 mm and 2 cutting ring transitions 18 to 15 x 1 mm.

Description	Art.-no.	Unit	€/Unit
Connection set Speed CPC	878 700 058	1	96,30

## LATENTO Bleeding valve



For manual ventilation of solar system on collector or under roof, consisting of 1 cutting ring Tee 15 x 1 for copper pipe, 1 nipple 15 Rp 1/2, 1 plug for manual draining. To be mounted between connection set speed CPC and solar-fix pipe.

Description	Art.-no.	Unit	€/Unit
Bleeding valve	878 700 065	1	24,70

## LATENTO Filling and flushing device



Shut-off ball valve with a lateral connection for filling and flushing pipes; to be installed at the lowest part of the solar circuit.

Description	Art.-no.	Unit	€/Unit
Filling and flushing device	878 700 170	1	77,50
Compression fitting G 1-22 mm	878 700 171	2	13,90
Gasket insert	878 700 172	1	7,40

## LATENTO Heat carrier liquid Solar 20



For the frost and corrosion protected filling of the solar circuit, recommended for vacuum tube collectors, readily mixed to freezing protection -28 °C, volume 20 litres.

Description	Art.-no.	Unit	€/Unit
Solar 20	878 700 061	1	96,70

# LATENTO<sup>®</sup> Controller / accessories

## LATENTO System controller



Heating controller for efficient regulation of weather-compensated heating systems with different heat sources and solar system. Switchable functions for unused relays. Optimum flow measurement by means of VFS sensor. With 11 preprogrammed hydraulic variations in accordance with the IVT mounting suggestions, 13 preprogrammed basic systems with heating circuit, solar and heat generator functions, self-explanatory operation via 4 input buttons, integrated start-up wizard, RTC Real Time Clock with > 24 h power reserve, 8 sensor inputs for PT 1000 sensor, 2 electronic outputs for revolution regulation of standard pumps, 2 PWM / 0-10 V Connections for high-efficiency pumps, 2 connectors for VFS or RPS sensors, 2 connectors for CAN, 4 relay outputs 230 V AC mechanical, 1 relay output of potential-free changer, connector for RC21 room controller, Slot for Micro SD including 2 GB card.

Description	Art.-no.	Unit	€/Unit
System controller	878 700 182	1	859,50

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LATENTO Price list

## LATENTO Solar controller L



Temperature difference controller for efficient use and function control of complex solar, storage or heating systems. Optimum flow measurement via VFS sensor. With 36 preprogrammed hydraulic versions for solar or solid fuel boiler, self-explanatory operation via 4 operating buttons, integrated start-up wizard, RTC Real Time Clock with > 24 h power reserve, 6 sensor inputs for PT 1000 sensor, 2 electronic outputs for revolution regulation of standard pumps, 2 PWM / 0-10 V connections for high-efficiency pumps, 2 connectors for VFS or RPS sensors 2 connectors for CAN, 1 relay output 230 V AC mechanical, changer Dimensions H= 163 mm, W= 110 mm, D= 51 mm Colour of housing: White, RAL 9003, High contrast, illuminated display.

Description	Art.-no.	Unit	€/Unit
Solar controller L	878 700 181	1	350,00

## LATENTO Solar controller S



Temperature difference controller for efficient use and function control of simple solar, storage or heating systems. With 9 preprogrammed hydraulic versions with solar or solid fuel boiler, self-explanatory operation via 4 input-buttons, integrated start-up wizard, RTC Real Time Clock with > 24 h power reserve, 3 sensor inputs for PT 1000 sensor, 1 electronic output for revolution regulation of standard pumps, 1 PWM / 0-10 V connection for high-efficiency pumps. Dimensions H= 115 mm, W= 86 mm, D= 45 mm, Colour of housing: White, RAL 9003, High contrast, illuminated display.

Description	Art.-no.	Unit	€/Unit
Solar regulator S	878 700 180	1	182,00

## LATENTO VFS combi sensor 1-12 l/min.



Sensor for recording flow and temperature (return) in solar and heating systems. Suitable for simple, but not officially calibrated, heat quantity counts. Can be used with **LATENTO** solar controller L and **LATENTO** system controller.

Description	Art.-no.	Unit	€/Unit
VFS-combination sensor 1-12 l/min.	878 700 183	1	189,00

## LATENTO Temperature sensor



Temperature sensor with PT 1000 sensor element, to degree accuracy according to DIN EN 60751, ensures for precise record of the measured temperature. Suitable for **LATENTO** solar controller S and L as well as the **LATENTO** system controller.

Description	Art.-no.	Unit	€/Unit
CPC tube collector sensor PT 1000	878 700 184	1	29,00
Temperature immersion sensor PT 1000	878 700 185	1	16,70
External sensor PT 1000	878 700 186	1	32,20
Contact sensor for pipe PT 1000	878 700 187	1	20,80

# LATENTO® Pump groups/accessories

## LATENTO Solar pump with controller



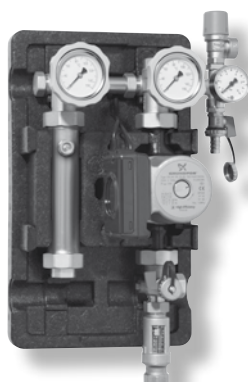
Controller completely premounted and insulated pump station for installation in the solar circuit, with pump WILO Yonos Para ST 25/7 PWM including wall mounting equipment, LATENTO solar controller L including 1 collector sensor and 3 reference sensors cable ready for connection and tested, flow gauge 2 - 15 L/ min with lock, safety component with manometer 0-10 bar, safety valve 6 bar and 3/4" outlet for expansion tank, 2 fill and drain valves, 2 switch off taps with integrated thermometers and 2 gravity brakes, Supply and return G 3/4" connection thread.

Description	Art.-no.	Unit	€/Unit
Solar pump with controller L	878 700 022	1	931,00

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LATENTO Price list

## LATENTO Pump group Solar



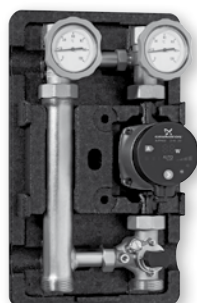
Completely insulated, for installation in the solar circuit, with pump, flow-meter for glycol 1,2-14 l/min and water 1,7-26 l/min, safety valve 6 bar, 2 filling valves, 2 non return valves, 2 shut-off valves with thermometers, flow and return IG 3/4", connecting thread G 3/4" flat sealing for the connection of an expansion tank, with integrated permanent breather valve.

Pump group solar: with Wilo Star-ST 25/6

Pump group solar with energy-saving pump: with Grundfos Solar PM2 25-85, PWM signal

Description	Art.-no.	Unit	€/Unit
Solar pump group with energy-saving pump	878 700 078	1	591,50

## LATENTO Pump group heating with energy-saving pump

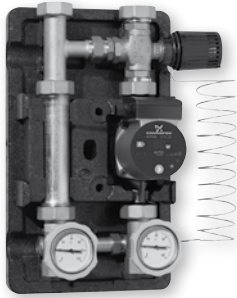


Completely insulated, for a mixed heating circuit, with 3-way mixing valve, with energy-saving pump Grundfos Alpha 2 25-60, non-return valve in the return pipe, 2 shut-off valves with thermometers, flow and return connector below G 1 1/2" AG, connector above IG 1".

Description	Art.-no.	Unit	€/Unit
Pump group Heating with energy-saving pump	878 700 079	1	640,00



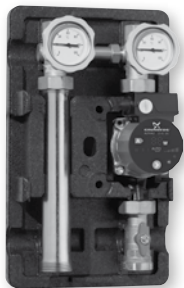
## LATENTO Pump group boiler with energy-saving pump



Boiler charging kit for integration between solid fuel boilers and heating circuits and/or heat storage with self-adjusting bypass valve for the return heat retention, opening temperature selectable from 40 °C to 70 °C, with with energy-saving pump Grundfos Alpha 2 L 25-60, 2 shut-off valves with thermometers, non-return valves in the flow pipe, connector above G 1½" includes retainer nut, connector below G 1" IG.

Description	Art.-no.	Unit	€/Unit
Pump group boiler with energy-saving pump	878 700 084	1	718,50

## LATENTO Circulating pump assembly with energy-saving pump



Completely insulated pump assembly for an unmixed heating circuit or for storage charging, with energy-saving pump Grundfos Alpha 2 L 25-60, 2 shut-off valves with thermometers, non-return valves in the flow pipe, connector above G 1½" includes retainer nut, connector below G 1" IG.

Description	Art.-no.	Unit	€/Unit
Circulating pump assembly with energy-saving pump	878 700 082	1	448,00

## LATENTO Screwed-joint set



Amendment to external screw connection G 1½ to pump group heating circuit, connection screw Rp 1.  
Material: brass

Description	Art.-no.	Unit	€/Unit
Screwed-joint set	878 700 086	2	7,30

## LATENTO Circulation lance



For energy-efficient connection between circulation pipes and LATENTO tanks. The circulation return pipe is guided through inner pipe in the upper layer of the tank. Lance body with securing sleeve, inner pipe 3m, with transition G 1 1/4-R1.

Material: Cuphin, brass, PE-X

**NEW!**

Description	Art.-no.	Unit	€/Unit
Circulation lance	878 700 064	1	124,50
Circulation lance universal	878 700 063	1	112,50

## LATENTO Thermostatic domestic water mixing valve



To set a constant hot water temperature at the outlet of the storage tank (50 °–75 °C), setting of warm water temperature via handwheel with temperature scale, asymmetric flow pattern, scade safe function, with screwed joints on male thread R 3/4 and gaskets, pressure range PN 10, working pressure: 10 bar (1.0 MPa), pressure difference max. 3 bar (0.3 MPa), max. temperature 95 °C (short-term 100 °C), Kvs-value: 3.0 m<sup>3</sup>/h, weight: 1.3 kg, suitable for water and frost protection (Glykol level up to 50% dezincification-resistant brass).

Description	Art.-no.	Unit	€/Unit
Thermostatic mixing valve	878 700 021	1	129,50

## LATENTO Servo motor for 3 way mixing valve



For installing with the 3-way mixing valve of the **LATENTO** pump group heating circuit, for weather compensated regulation, electrical connection 230 V, power consumption 2.5 W, torque 6 Nm, IP 40, with 2 m connection cable.

Description	Art.-no.	Unit	€/Unit
Servo motor for 3-way mixing valve	878 700 087	1	135,00

## LATENTO Solar expansion vessel



Membrane expansion vessel (MAG) for solar systems acc. to EU standard 97/23/EG, DIN 4757 and prEN 13831, pre-pressure 2,5 bars, max. operating over-pressure 10 bars, G ¾ or G 1 threaded connector.

Colour: white\*\* or red\*

Pre-pressure: 4,0 bar (25 L), 1,5 bar (33 L) and 3,0 bar (ab 50 L)

Description	Art.-no.	Unit	€/Unit
Solar expansion vessel 25 l*	878 700 025	1	84,90
Solar expansion vessel 33L*	878 700 138	1	120,50
Solar expansion vessel 50L**	878 700 139	1	212,00
Solar expansion vessel 80L**	878 700 140	1	268,50
Solar expansion vessel 100L**	878 700 141	1	296,50
Solar expansion vessel 140L**	878 700 142	1	414,00

Other sizes on request

## LATENTO Intermediate solar vessel



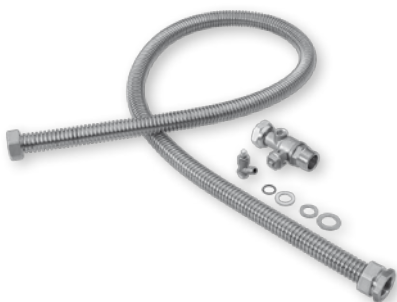
According to the VDI Guidelines 6002, intermediate solar vessels are to be employed, "... when the content of the pipe work between the collector panel and the MAG is less than 50 % of the fluid carrying capacity of the accurately measured MAG". This minimum requirement is difficult to comply with, especially with roof heating centres which have short pipe runs. The intermediate solar vessel reliably protects the membrane of the MAG from excessive temperatures, which could destroy the membrane. Maximum operating pressure 10 bar, threaded connector R ¾". Colour: red

Description	Art.-no.	Unit	€/Unit
Intermediate solar vessel 6L	878 700 136	1	62,00
Intermediate solar vessel 12L	878 700 137	1	75,20

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LATENTO Preisliste

## LATENTO Connection set MAG



For connection of the membrane pressure expansion vessel (MAG) to the solar pump group. Consisting of:  
a flexible stainless steel corrugated pipe DN 16, 1.5 m in length, with connections to ¾" or 1" and cap valve in ¾" or 1" design, incl. seals

Connection set MAG ¾" for use with solar expansion vessels 25 L - 50 L

Connection set MAG 1" for use with solar expansion vessels from 80 L

Description	Art.-no.	Unit	€/Unit
Connection set MAG 3/4"	878 700 146	1	53,80
Connection set MAG 1"	878 700 147	1	76,40

## LATENTO Permanent bleeder valve



Permanent bleeder valve for the ongoing removal of gasses from the heat transfer fluid. Optimally located in the collector supply system; in the solar pump group. Advantage: easy accessibility for maintenance purposes even when it is in operation, highly efficient elimination of air from the supply line at high temperatures.

Description	Art.-no.	Unit	€/Unit
Permanent bleeder valve	878 700 066	1	139,50

## LATENTO Solar-Fix



Quick-action piping system to connect the pump group and collector in a time and room saving manner, 2 x 15 m soft copper pipe 15 x 0,8 mm and 18 x 1 mm (supply piping marked) as ring, with silicone cable 2 x 0,75 mm<sup>2</sup>, completely weather and UV resistant, insulated with high-temperature resistant EPDM rubber foam, 13 mm.

Description	Art.-no.	Unit	€/Unit
Solar-Fix CU 15	878 700 150	1	559,50
Solar-Fix CU 18	878 700 151	1	728,50
Oval screwed pipe clips 15/DN 16	878 700 154	1	2,35
Oval screwed pipe clips 18/DN 20	878 700 155	1	2,60

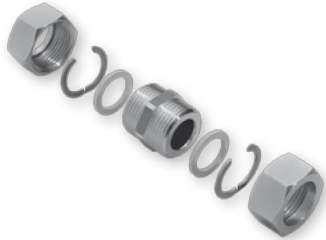
## LATENTO Solar-Fix Flex



Quick-action piping system for a time- and space-saving connection between the pump group and the collector, 2 x 15 m of long-wave stainless steel-corrugated pipes DN 16 and DN 20 (supply piping marked) as a bundled coil, with integrated feeder cable, completely weather and UV resistant, insulated with high-temperature resistant EPDM rubber foam, 13 mm.

Description	Art.-no.	Unit	€/Unit
Solar-Fix Flex DN 16 stainless steel	878 700 152	1	449,00
Solar-Fix Flex DN 20 stainless steel	878 700 153	1	550,00
Oval screwed pipe clips 15/DN 16	878 700 154	1	2,35
Oval screwed pipe clips 18/DN 20	878 700 155	1	2,60

## LATENTO Screw connector



For a removable connection to the stainless steel corrugated pipe, including connecting nut, flat gasket and washer.

Description	Art.-no.	Unit	€/Unit
Screw connector DN 16	878 700 157	2	10,50
Screw connector DN 20	878 700 158	2	14,10

## LATENTO Screw connector with insertion end



For a removable connection of the stainless steel corrugated pipe to the collector and the solar pump, including connecting nut, nipple, flat gasket and washer.

Description	Art.-no.	Unit	€/Unit
screw connector insertion end DN 16-Cu 15 S	878 700 160	1	12,90
screw connector insertion end DN 20-Cu 15 S	878 700 161	1	16,80

## LATENTO Screw connector with sleeve



For a removable connection of the stainless steel corrugated pipe to the copper pipe, including connecting nut, clamp ring 18/22, spacer ring 15, flat gasket and washer.

Description	Art.-no.	Unit	€/Unit
screw connectorDN 16-Cu 15/18 M	878 700 163	1	16,30
screw connectorDN 20-Cu 15/22 M	878 700 164	1	18,40

### LATENTO Screw connector with external thread



For a removable connection of the stainless steel corrugated pipe to the solar pump, with an internal thread G 3/4 including connecting nut, external threaded neck G 3/4, flat gasket and washer.

Description	Art.-no.	Unit	€/Unit
screw connector external thread DN 16-R 3/4	878 700 165	1	8,20
screw connector external thread DN 20-R 3/4	878 700 166	1	12,90

### LATENTO Screw connector nut



For a removable connection of the stainless steel corrugated pipe to the LATENTO heat exchanger, solar pump with controller and flushing device, including connecting nut, flat gasket and clamp washer (Art. 878700168 incl. transition G 1 1/4-G1, Art. 878700174 incl. transition G1-G3/4).

Description	Art.-no.	Unit	€/Unit
Screw connector nut DN 16-G 3/4	878 700 173	1	6,75
Screw connector nut DN 20-G 3/4	878 700 174	1	19,60
Screw connector nut DN 20-G 1	878 700 175	1	7,10

### LATENTO Transition G 1 1/4



**LATENTO** Transfer G 1 1/4 for connecting the LATENTO heat exchanger for hot water, heating and solar. Material: Brass, VE 2

Description	Art.-no.	Unit	€/Unit
Transition G 1 1/4 - R 1	878 700 048	2	8,80
Transition G 1 1/4 - R 3/4	878 700 049	2	7,40

## LATENTO 3-way valve



For use in floor heating, heating, heat pump and air conditioning systems, for quick change of flow direction (switches from A to B in only 3 seconds), especially suitable for being mounted in return lines due to optional reversal of flow direction, integrated circuit board with microprocessor, integrated anti-blocking program (complete switching process at least every 7 days), actuator can be removed at the push of a button, A and B are both open after having removed the actuator, valve position visible in the viewing window, incl. removable cable (length 1.6 m).

Connection: G 1", pressure grade: PN 6, medium temperature: 5°C - 95°C (briefly: 110°C), ambient temperature: 0°C - 60°C, power consumption: 230 VAC, 50 Hz, protection class of housing: IP 20, switch/running time: 3 seconds, Kvs value: 6.5 m<sup>3</sup>/h, weight: 0.5 kg, suitable for water and anti-freeze additives (glycol contents of up to 50%), dezincification-resistant brass

Description	Art.-no.	Unit	€/Unit
3-way valve	878 700 220	1	140,00

## LATENTO motor ball valve

**NEW!**



Motorised 2-way ball valve For automatic shut-off of individual system circuits in heating and cooling systems (e.g. to prevent circulation through the heating appliance during heating support). Bubble-tight in accordance to EN 12266-1. 2-point-actuator with On-/Off-function and additional switch. Length of wire: 0,85 m. In rest position closed. Anti condensation resistor to avoid condensation on the the board. The actuator is simply fixed in the ball valve schnell, einfach und sicher by a forelock. Turning angle: 90°

Description	Art.-no.	Unit	€/Unit
Motor ball valve	878 700 223	1	155,00

# IVT Order form

Sender	Delivery address	Customer No.	Your sales consultant / special shop
		Ordering date	
	Commission	Phone	

## Order

I would like to order the following items according to the terms and conditions of delivery and payment which are known to me:

Description	Dimension	Art.-no.	Pack qty	Qty.	€/pce

4

**Total price**

---

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

Place your order comfortably with our new IVT online shop and app for smartphones.

Please find more information on page 18 - 20 of this price list.



Download our app under: [www.ivt-rohr.de/app](http://www.ivt-rohr.de/app)



# General Sales, Delivery, and Payment Conditions of IVT GmbH & Co. KG

## 1. Area of application

- 1.1. The following sales, delivery, and payment conditions are in effect for all contracts, deliveries, and other services, including consulting services and information.
- 1.2. They are also in effect for all future contracts with the customer and for future deliveries and other services to be performed for the customer.
- 1.3. We hereby refuse any deviating terms and conditions, if they deviate from these General Terms and Conditions to our disadvantage. Our General Terms and Conditions are also in effect if we perform services or deliveries without reservation while having knowledge of deviating or contradictory General Terms and Conditions of the customer.
- 1.4. We expressly reserve the right to unilaterally change our General Terms and Conditions with the customer after appropriate notification.

## 2. Conclusion of contract

- 2.1. Orders to us, contractual changes and additions as well as additional agreements of any kind must be in written form. Orders made by telephone or in another form are considered to be accepted when shipment or submission of the goods and invoice take place.

## 3. Prices, price lists

- 3.1. Our prices are in effect ex works Rohr (EXW in accordance with Incoterms 2010) including normal packaging. The prices at the time of the placement of the order are in effect.
- 3.2. Value-added tax is not included in the price and will be billed in the respective legal amount. If the rate of the legal turnover tax changes during the conclusion of contract and delivery, any agreed upon gross purchase price changes accordingly.
- 3.3. If the customer purchases the goods from us at list price and the list price increases between the conclusion of contract and actual delivery, and if there is a period of at least 4 months between these, the agreed upon purchase price increases accordingly. Any agreed upon discounts must also be taken into account with regard to the increased purchase price. If the price agreement is not based on the list price, we are entitled to appropriately adjust the price subsequently if the cost factors for the goods or for other agreed upon services increase significantly. If such a price adjustment leads to a major price increase, the customer is entitled to withdraw from the contract.

## 4. Payment

- 4.1. Cash before delivery is agreed upon for payment. The cash before delivery is due within 10 days after receipt of the invoice without deductions. If other payment modalities have been agreed upon, these must be in writing to be valid.
- 4.2. If the customer exceeds the payment deadline stipulated in the invoice, we are entitled to charge interest for late payment of 8 % over the respective basic interest rate without warning.
- 4.3. Set-off with unrecognized claims of the customer or claims that are not legally determined is not permissible. This is also in effect for a right of retention due to such counterclaims if these claims are not based on the same contract relationship.

## 5. Delivery

- 5.1. Our goods will be shipped, if nothing else is agreed upon, ex-works Rohr – (EXW in accordance with Incoterms 2010). The goods will be shipped to the customer under his name and at his risk, even if we should bear the transport costs and/or insure the transport and/or set up the delivery object at the customer's facility or have it set up due to individual arrangements.
- 5.2. The risk for the destruction, damage, loss of the delivery object and the obligation to bear the costs created by the goods is transferred to the customer as soon as the goods intended for shipment have been transferred to the persons intended to transport the goods or these goods have left our facility for the purpose of shipment. The same is also in effect for partial deliveries and with deliveries free domicile.
- 5.3. Notification of readiness to ship takes place 3 days after payment of the goods (cash before delivery) or order (bank guarantee) at the latest. Delays in the financial handling or with other duties to cooperate by the purchaser entitle the seller to delay readiness to ship and service dates accordingly. The same is true if the seller does not receive an official authorization in good time. In case of special designs, increased or short deliveries of up to 10% are permissible and taken into consideration in the invoice. The dimensions listed for our delivery goods are subject to normal deviations, unless we have expressly ensured compliance with the dimensions.
- 5.4. We are entitled to make reasonable partial deliveries.
- 5.5. If the shipment of the ordered delivery goods is delayed for reasons for which the customer is responsible, the risk is transferred to the customer upon receipt of the notification of readiness to ship.
- 5.6. In case of orders with an order value of less than € 50.00, a minimum order quantity charge of € 10.00 will be charged.
- 5.7. Goods returns are only possible after consultation with IVT. In case of returns, a lump sum processing fee of 20% of the return goods value will be charged. Mistaken and erroneous deliveries, which were caused by us, are exempt from this. The customer retains the right to prove that no damages were incurred or that these were much less than the lump sum.

## 6. Deadline for readiness to ship

Agreed upon deadlines for readiness to ship are extended accordingly in case of unforeseeable obstacles, which are outside of our sphere of influence, such as strikes, lockouts, operating trouble, delays in the delivery of material, regardless of whether these obstacles occur at our facility or that of our suppliers. We are also not responsible for this type of circumstances if we are already in arrears..

## 7. Retention of ownership

- 7.1. The objects delivered by us remain our property until all of our present claims against the customer are fulfilled, to the extent that these are related to the delivered objects.

7.2. The buyer is entitled to sell the delivery goods that we own (conditional goods) in the normal course of business. However, he transfers all claims from this further sale to us now, regardless of whether the conditional goods are sold before or after processing or whether or not they are connected to a piece of property or movables. If the conditional goods are sold after processing or together with other goods that do not belong to us or they are connected to a piece of property or movables, the claim of the customer against his consumer in the amount of the delivery price agreed upon between the customer and us for the conditional goods is considered transferred.

7.3. The customer is also entitled to collect this claim after the transfer. Our authority to collect the claim ourselves is unaffected by this, but we are obligated not to do so as long as the customer properly fulfills his payment obligations. If the customer utilizes the collection authority, we are entitled to the collected proceeds in the amount of the delivery price agreed upon between the customer and us for the conditional goods.

7.4. As the manufacturer, we can perform processing or alteration of the conditional goods in accordance with § 950 BGB, without obligating ourselves. If the conditional goods are processed with other objects, we obtain coownership of the new object in the ratio of the selling value of our goods to the value of the other processed objects at the time of processing. The customer will store the new object for us free of charge with the usual care.

7.5. We are obligated to release the securities to which we are entitled upon request to the extent that their value exceeds the claims to be secured by more than 25%, if these have not yet been paid.

7.6. If we accept a bill of exchange as a means of payment, our retention of ownership continues until it is clear that we can no longer be held liable from this bill of exchange.

7.7. For deliveries in countries with other legal systems, in which the aforementioned retention of ownership provisions do not have the same securing effect as in the Federal Republic of Germany, the customer will do everything to immediately provide us with a security that is equal to the retention of ownership according to German Law. The customer will especially cooperate on all measures necessary for the effective provision and enforceability of the equivalent security (e.g.: registration obligations).

## 8. Complaints

Obvious defects have to be reprimanded written and specific within 10 days after receipt of the goods.

## 9. Warranty

9.1. In case of justifiable complaints, we will either repair or replace the goods, at our discretion. If the repair or replacement fails, the customer is entitled to demand cancellation of the contract or reduction of the purchase price. For our products warranty certificates are available for our extended guarantee.

## 10. Exclusion from claims for damages

10.1. Claims that are not expressly granted in these conditions, especially claims for damages including those due to delay, impossibility, violation of our obligation to supply replacements or to repair, violation of contractual additional obligations or positive contract violation, culpa in contrahendo, unauthorized actions are excluded if and to the extent that the damages are not due to intentional or grossly negligent contract violation or other intentional or grossly negligent behaviour by one of our legal representatives or one of our agents.

10.2. Claims for damages, that are connected to warranty claims are also excluded. This exclusion is not in effect if our delivery goods lack a contractually promised characteristic.

## 11. Place of performance, applicable law, jurisdictional venue, other provisions

11.1. The place of performance for our delivery is the headquarters of our company at 91189 Rohr, Gewerbering Nord 5.

11.2. German Law has sole application for the contractual relationships and with regard to differences of opinion and legal disputes from this business relationship, with the exclusion of conflict of laws and of the convention of the United Nations on contracts for the international sale of goods (CISG – UN Law on

Sales).

11.3. The headquarters of the company is agreed upon as having sole jurisdictional venue for all suits or legal disputes from this contract relationship. However, we are also entitled to hold the customer liable at the location of his business headquarters

11.4. If one or more provisions of these General Terms and Conditions is/are ineffective, the legal stipulation is in effect in place of the ineffective provision. In no case shall the provision in question be replaced by the General Terms and Conditions of the customer.

11.5. If a separate contract is drawn up between customer and us in two languages, the German text is decisive in case of doubt.

IVT GMBH & CO. KG, 91189 Rohr Manager: Dipl. Kfm. Christoph Hennig, Ingrid Zürn Court of registry: HRA 10791 General partner: IVT Verwaltungs GmbH, 91189 ROHR Court of Registry: HRB 12992 VAT No.: DE 170 458 863 Hypovereinsbank Stuttgart (Unicredit Bank AG) Bank Code: 600 202 90 Account No.: 30 52 206 Business premises Austria: IVT Ges.m.b.H & Co.KG Court of registry Vienna FN 242774x VAT No.: ATU 57676955 Bank Austria Creditanstalt Bank Code: 12.000 Account No.: 52103043301 Tax No.: 030/1318, Ref. 03 IBAN: AT 0812000521043301 BIC: BKAUAT3301 Further foreign accounts: Belgium: KBC Bank NV Staatsbank und Sparkasse Bank Code: 0462920226 Account No.: 488-2500001-54 IBAN: BE28731006435620 BIC: KREDBEBB Luxembourg Bank Luxembourg IBAN: LU200019325553039000 BIC: BSCHES33XXXdes Datenschutzgesetzes gespeichert werden.

Status: June 2017



IVT headquarters in Rohr, Germany

## Do you have any questions?

Are you interested in our products and services?  
Our Export representatives are looking forward to  
your inquiry. Just call:

Phone: +49 (0) 9876/9786-0

Fax: +49 (0) 9876/9786-90

E-Mail: [info@ivt-group.com](mailto:info@ivt-group.com)

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