2″
Type: 60-15 mm

CLiMATUBE® zip

1 1/2″
Type: 48-15 mm

EVERYTHING FITS

In the CLIMATUBE® zip range, you will find the appropriate pipe insulation for all common pipe diameters.

As for the thickness of the insulation material, CLIMATUBE® zip applies the rule of «one for all». The low thermal conductivity of the CLIMATUBE® zip polyethylene foam thus allows an optimal and advantageous insulation thickness.

1 1/4″
Type: 42-15 mm

Tube diameter		CLIMATUBE® zip
Steel	Copper	Type
1/4″	15 mm	15-15
3/8″	18 mm	18-15
1/2″	22 mm	22-15
3/4″	28 mm	28-15
1″	35 mm	35-15
11/4″	–	42-15
11/2″	–	48-15
2″	–	60-15

1″
Type: 35-15 mm

3/4″
Type: 28-15 mm

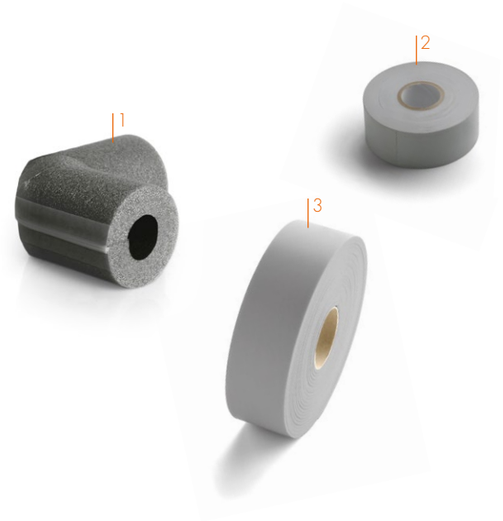
1/2″
Type: 22-15 mm

3/8″
Type: 18-15 mm

1/4″
Type: 15-15 mm

Accessories

1 PE elbow with zip (for CLIMATUBE® zip 15 mm / Ø 15–42 mm)
2 PVC adhesive tape (30 mm x 33 m) for taping the joints
3 PE wrapping tape (50 mm x 10 m) for insulating difficult-to-reach areas



Save energy and money!

A simple example with average values for households illustrates how high the savings on heating costs can be with a CLIMATUBE® zip 28-15 pipe insulation (insulation thickness 15 mm/inside Ø 28 mm).

Flow temperature:	70 °C
Ambient temperature:	15 °C
Yearly heating days:	220 Days
Operating hours/day:	12 Hours
Savings compared to uninsulated pipes:	± 74 %
Savings per metre of pipe:	± 16 Litre
CO_2 reduction/year:	± 44 Kg
Savings with 25 m tube of CLIMATUBE® zip 28-15:	± **400** Litre/year

nmcnaturefoam®
REFERENCE IN CLIMATE PROTECTION

With NMC Naturefoam®, the mix of renewable and recycled raw materials, we are improving the already very good climate and energy balance of our insulation products and are sending a signal against global warming.

DOUBLE IS BETTER

By using NMC Naturefoam® to make our CLIMATUBE® zip and CLIMATUBE® easy PE pipe insulation, we reduce CO_2 emissions drastically throughout the entire manufacturing process, from start to the factory gate.

By insulating your pipe system with our products, you make an important contribution to environmental protection by saving fuel. In this way, you too can reduce CO_2 emissions, save money and at the same do your bit in the fight against global warming!

Best climate balance
+ excellent insulation
= double contribution to climate protection

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CLiMATUBE® zip

Heat cost cutting solution made of nmcnaturefoam®

nmc TECHNICAL INSULATION

CLiMATUBE® zip

HEAT COST CUTTING SOLUTION WITH ZIP

Heat cost cutting solution with a convenient zip does away with unnecessary heat losses.

- PE pipe insulation made of renewable and recycled resources
- Scope of application: heating and hot water pipes
- Excellent insulating properties: thermal conductivity of 0.04 W/mK at 40 °C mean temperature
- Heating energy losses reduced by up to 74 %
- Fire class: E (normal flammability)
- Simple processing by zipping
- Prevents stress cracking – corrosion
- Usable for pipe temperatures from 0 °C to +100 °C

Insulation thickness	Pipe ∅	Unit
15 mm	15 mm	1 m
15 mm	18 mm	1 m
15 mm	22 mm	1 m
15 mm	28 mm	1 m
15 mm	35 mm	1 m
15 mm	42 mm	1 m
15 mm	48 mm	1 m
15 mm	60 mm	1 m

THE FAST «ZIP»

First open the zip closure. To do this, take the pipe jacket in both hands and turn it in the opposite direction.

Now pull a finger through from top to bottom – the pipe jacket opens completely.

Place the pipe jacket around the pipe, press the closure lips together – drive along the closure with light finger pressure. No gluing required!

HOW DO I INSULATE... ...A T-JUNCTION

First cut a hole in the pipe jacket to be laid horizontally – slightly larger than the diameter of the branching pipe.

Now open the pipe jacket and cut it open from the hole to the jacket opening

Place the section around the pipe and close it.

Now take the counterpart, make a saddle incision...

...open the pipe jacket, lay it around the branch pipe and close it. Done!

HOW DO I INSULATE... ...THE PIPEWORK

Bring the pipe ends butt to butt under medium pressure. This will prevent gaps from forming during the initial heating. For a perfect seal, wrap the finished joints with PVC tape.

...AN ANGLE VALVE

Cut a hole at an appropriate angle through the zip closure or through the jacket openings. Open and use a knife to make a cavity for the fitting. Difficult to reach areas can be insulated with a PE wrapping tape.

...A BEND

First determine the radius by placing a ruler at the end of the bend and taking a bearing on the other end with your thumb. In our example it is about 2.5 cm.

For a radius of 2 to 5 cm, make two notch cuts at 45° each. Leave about 1 cm space between the notches. For a radius of less than 2 cm, a single 90° notch is sufficient.

For a radius over 5 cm you need three notch cuts of 30° each.

Now you can easily pull the insulation over the arch. This is what tailor-made work looks like!

CLIMATUBE® zip TEMPLATE PIPE DIAMETER

This template will allow you to calculate the diameter of your pipes. Afterwards, all you have to do is measure with a meter the number of CLIMATUBE® zip insulating tubes you need for each dimension.

Indicate in the chart what you need:

Type	Number of meters:
15-15	
18-15	
22-15	
28-15	
35-15	
42-15	
48-15	
60-15	

2″
Type: 60-15 mm

1 1/2″
Type: 48-15 mm

1 1/4″
Type: 42-15 mm

1″
Type: 35-15 mm

3/4″
Type: 28-15 mm

1/2″
Type: 22-15 mm

3/8″
Type: 18-15 mm

1/4″
Type: 15-15 mm