

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

1"  
Type: 35-15 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
1 1/4"	-	42-15
1 1/2"	-	48-15
2"	-	60-15

3/4"  
Type: 28-15 mm

1/2"  
Type: 22-15 mm

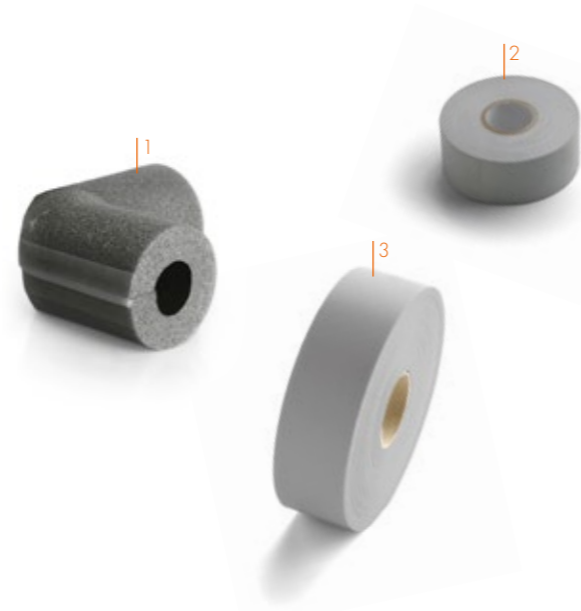
3/8"  
Type: 18-15 mm

1/4"  
Type: 15-15 mm



## Accessories

- 1 PE elbow with zip (for CLIMATUBE® zip 15 mm / Ø 15-28 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
Savings compared to uninsulated pipes:	± 74%
Oil savings per metre of insulated pipe:	± 8,74 l/year
Gas savings per metre of insulated pipe:	± 8,59 m³/year
Reduction in CO <sub>2</sub> emissions per metre of insulated pipe:	± 16,13 kg/year
Oil Savings with 25 m tube of CLIMATUBE® zip 28-15:	± 218,50 L/year

*Our future can only be shaped successfully if we act responsibly in the present!*

## DOUBLE IMPACT

The production of our CLIMATUBE® zip, easy and basic polyethylene pipe insulation helps to reduce plastic waste and conserve natural resources without compromising quality!

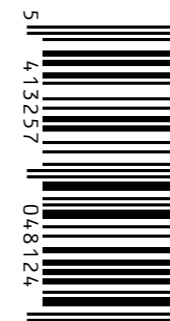


## double contribution



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<sub>2</sub> emissions, save money and at the same do your bit in the fight against global warming!



[www.nmc-climatube.com](http://www.nmc-climatube.com)

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# CLiMATUBE® zip

*Heat cost cutting  
solution*





## CLIMATUBE® zip

### HEAT COST CUTTING SOLUTION WITH ZIP

Energy saving solution with a convenient zip prevents unnecessary heat loss.

- Polyethylene pipe insulation based on recycled raw materials
- Scope of application: heating and hot water pipes
- Excellent insulating properties: thermal conductivity of 0.040 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
- Suitable for pipe temperatures from 0 °C to +100 °C

Insulation thickness	Pipe Ø	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...

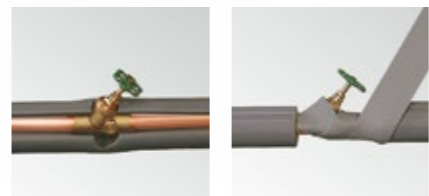
...open the pipe jacket, lay it around the branch pipe and close it. Done!

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



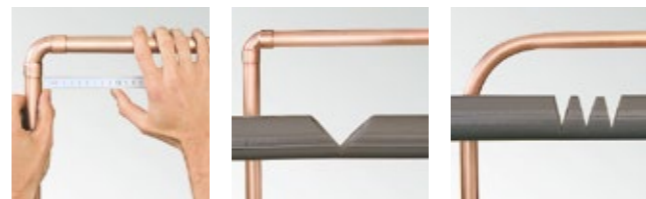
Bring the pipe ends butt to butt under medium pressure. This will prevent gaps from forming during the initial heating. For a perfect seal, wrap the finished joints with PVC tape.

### ... 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!

2"  
Type: 60-15 mm

### CLIMATUBE® zip TEMPLATE PIPE DIAMETER



1 1/2"  
Type: 48-15 mm

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.

1 1/4"  
Type: 42-15 mm

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	

1"  
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