

ThermaEco ZZ Tube

Thermal Insulation Thermaflex®

Fully recyclable product for Thermal Insulation, made of directly extruded closed-cell polyethylene foam.

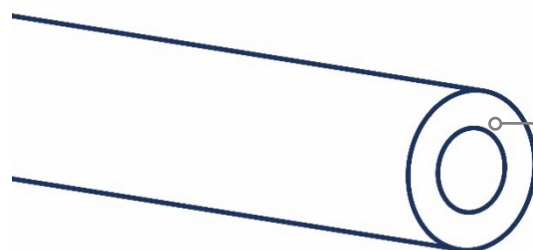


Benefits

- Affordable insulation
- Halogen free product
- Multi-use system
- Consistent performance – damage free, robust insulation material

Application

- Heating and plumbing system – energy conservation



Construction

Polyethylene foam
durable insulating material



Disclaimer

All recommendations and information provided on this data sheet are based on our knowledge and experience. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied or that any use of the products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.



Technical Properties

Properties	SI unit	Value	Test method
Physical properties			
Tolerances		Compatible	EN 14313
Density (foam)	kg/m ³	18-25	-
Structure	-	Closed cells	-
Color	-	Grey	-
Thermal properties			
Max. operating temperature	°C	+95	EN 14707
Thermal conductivity coefficient (λ)	W/m·K	0.041 @ 40°C	EN ISO 8497
Fire properties			
SBI classification	-	B _s s1d0* up wall thickness 9 mm E _f for wall thickness above 9 mm	- EN 13501-1
Water resistance properties			
Water absorption	-	WS 005	EN 13472

*SBI test performed for samples of 10 mm wall thickness and inner diameter of 22 mm

Availability

- Standard product length 2m (198-204cm), packed in a cardboard box (205x60x40cm)
- Version: with cut



Tube Insulation				
		Insulation Wall thickness [mm]		
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	6 (5.0-7.0)	9 (7.5-10.5)	13 (11.0-15.0)
12	13.0-16.0	3020-006012-020	3020-009012-020	
15	16.0-19.0	3020-006015-020	3020-009015-020	3020-013015-020
18	19.0-22.0	3020-006018-020	3020-009018-020	3020-013018-020
20	21.0-24.0	3020-006020-020	3020-009020-020	
22	23.0-26.0	3020-006022-020	3020-009022-020	3020-013022-020
25	26.0-29.0	3020-006025-020	3020-009025-020	
28	29.0-32.0	3020-006028-020	3020-009028-020	3020-013028-020
32	33.0-36.0		3020-009032-020	
35	36.0-39.0	3020-006035-020	3020-009035-020	3020-013035-020
42	44.0-48.0		3020-009042-020	3020-013042-020
48	50.0-54.0		3020-009048-020	3020-013048-020
54	56.0-60.0		3020-009054-020	
60	62.0-66.0		3020-009060-020	
63	65.0-69.0		3020-009063-020	
76	78.0-82.0		3020-009076-020	



3-elements elbow		
		Insulation Wall thickness [mm]
Service Pipe \varnothing max. [mm]	Tube Insulation \varnothing [mm]	9 (7.5-10.5)
15	16.0-19.0	3520-009015-032
18	19.0-22.0	3520-009018-032
22	23.0-26.0	3520-009022-032
28	29.0-32.0	3520-009028-032
35	31.0-39.0	3520-009035-032
42	44.0-48.0	3520-009042-032
48	50.0-54.0	3520-009048-032
54	56.0-60.0	3520-009054-032
63	65.0-69.0	3520-009063-032
76	78.0-82.0	3520-009076-032