

# ThermaEco ZZ Tube

Thermal Insulation by Thermaflex<sup>®</sup>

Fully recyclable thermal tube insulation product made of direct extruded, closed-cell polyethylene foam

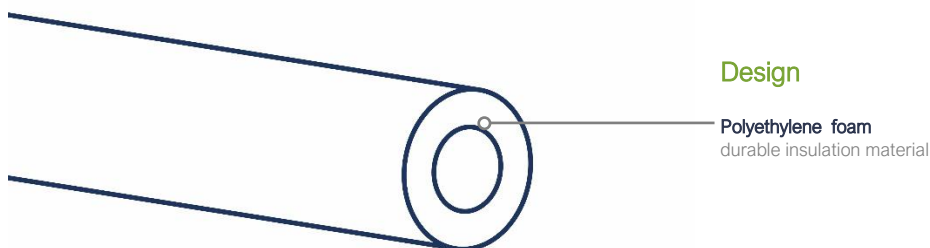


## Benefits

- Economically priced insulation
- Consistent performance - Damage free, robust insulation material

## Applications

- Domestic heating and plumbing – energy conservation



# Technical Properties

Properties	Units SI	Values	Testing method
<b>Physical properties</b>			
Dimensional tolerances		Coherent	EN 14313
Density (foam)	kg/m <sup>3</sup>	18-25	-
Foam structure	-	Closed-cells	-
Color	-	grey	-
<b>Thermal properties</b>			
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.040 @ 20°C 0.042 @ 40°C	EN ISO 8497
<b>Fire properties</b>			
SBI classification	-	E <sub>L</sub>	EN 13501-1
<b>Water resistance properties</b>			
Water absorption	-	0.05	EN 13472

## Availability

- Standard product length is 2m (198-204cm) in carton boxes (205x60x40cm)
- Product versions: pre-slit

Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]
10	11.0-12.5	48-50	50.0-52.0
12	13.0-14.5	54	56.0-58.0
15	16.0-17.5	57	59.0-61.0
18	19.0-20.5	60	62.0-64.0
20	21.0-22.5	63	65.0-67.0
22	23.0-24.5	70	72.0-74.0
25	26.0-27.5	75-76	77.0-79.5
28	29.0-31.0	89-90	91.5-93.5
32-34	33.0-35.0	102	105.0-107.0
35	36.0-38.0	108	111.0-113.0
42	44.0-46.0	114	117.0-119.0

Range of diameters and thicknesses determined individually based on the client's needs

Insulation Wall Thickness [mm]
6 (5.5-7.0)
9 (8.5-10.0)
13 (12.0-13.5)
19 (18.0-20.0)
20 (19.0-20.5)
25 (24.0-25.5)
30 (29.0-30.5)