

# ThermaEco FRZ Tube

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

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

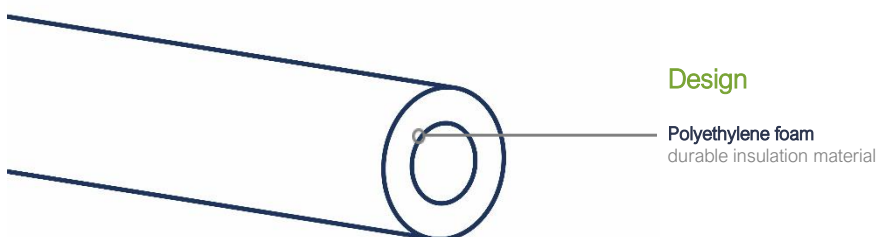


## Benefits

- Wide product range and prefabrications
- 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	kg/m <sup>3</sup>	25 - 36	-
Structure	-	Fine, closed-cells	-
Color	-	grey	-
<b>Thermal properties</b>			
Service temperature range	°C	-80 to +95	-
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m-K	0.038 @ 20°C 0.040 @ 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	kg/m <sup>2</sup>	0.05	EN 13472

## Availability

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

Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall Thickness [mm]
10	11.0-12.5	42	44.0-46.0	6 (5-6.5)
12	13.5-14.5	48-50	51.0-52.5	9 (8-10)
15-16	16.5-17.5	54	56.0-58.0	13 (12-14)
18	19.5-20.5	57	59.0-61.0	20 (19-21)
20-21	21.5-23.0	60	62.0-64.0	25 (26-28) d10+15
22	23.5-24.5	63	64.0-67.0	25 (25-27) d18-22
25	26.0-28.0	70	72.5-74.0	25 (24-26) >d22
27	28.0-29.5	75-76	78.5-80.5	30 (29-31)
28	29.5-31.0	89-90	91.5-93.5	
35-34	34.5-36.0	102	105.0-107.0	
35	37.0-38.5	108	111.0-113.0	
40	42.0-44.0	114	117.0-119.0	

