

ThermaSmart[®] PRO Tube SA

Thermal Insulation by Thermaflex[®]

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

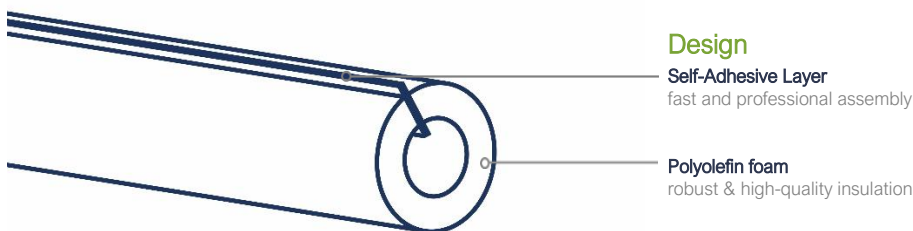


Benefits

- Fast and easy installation with self-adhesive layer
- Consistent performance - Damage free, robust insulation material
- Safety - Excellent fire and smoke behavior
- Excellent insulating properties
- Gain point for Green building program with certified ThermaSmart PRO foam insulation - Cradle to Cradle Certified™ Bronze, EPD, RoHS

Applications

- Suitable only for sanitary and heating applications



Technical Properties

Properties	Units SI	Values	Testing method
Physical properties			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m ³	18 - 40	-
Structure	-	Fine, closed-cells	-
Color	-	Anthracite	-
Thermal properties			
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.035 @ 10°C 0.038 @ 40°C	EN ISO 8497
Fire properties			
SBI classification	-	B _{s1, d0}	EN 13501-1
British standard	-	Class 1	BS 476 Part 7
British standard	-	Class 0	BS 476 Part 6
Flammability standard	-	HF-1	UL94
Water resistance properties			
Water absorption	kg/m ²	0.01	EN 13472
Self-Adhesive layer*			
A colorless pressure-sensitive modified acrylic adhesives layer covered with a paper release liner.			
Shelf-life	month	12	(15 – 30°C and RH 40-75%)

*product warranty of the self-adhesive layer is limited to 1 year, the ThermaSmart@PRO foam insulation warranty is according our general terms and conditions.

Availability

- Standard product length is 2m (198-204cm) in carton boxes (205x60x40cm)

Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall Thickness [mm]
6	7.0-8.5	35	36.0-38.0	9 (8-10)
8	9.0-10.5	42	44.0-46.0	13 (12-14)
12	13.0-14.5	48	50.0-52.0	20 (18-20)
15	16.0-17.5	54	56.0-58.0	
18	19.0-20.5	57	59.0-61.0	
22	23.0-24.5	60	62,0-64,0	
28	29.0-30.5			