

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

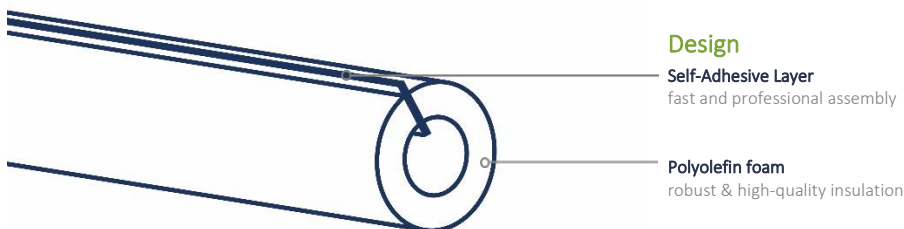


Benefits

- 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 _{s,1} , d ₀	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)

Tube insulation				
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		
		9 (8.0-10.0)	13 (12.0-14.0)	20 (18.0-20.0)
6	7.0-8.5	3000-009006-010		
8	9.0-10.5	3000-009008-010		
12	13.0-15.0	3000-009012-010	3000-013012-010	
15	16.0-17.5	3000-009015-010	3000-013015-010	3000-020015-010
18	19.0-20.5	3000-009018-010	3000-013018-010	3000-020018-010
22	23.0-24.5	3000-009022-010	3000-013022-010	3000-020022-010
28	29.0-30.5	3000-009028-010	3000-013028-010	3000-020028-010
35	36.0-38.0	3000-009035-010	3000-013035-010	3000-020035-010
42	44.0-46.0	3000-009042-010	3000-013042-010	3000-020042-010
48	50.0-52.0	3000-009048-010	3000-013048-010	3000-020048-010
54	56.0-58.0	3000-009054-010	3000-013054-010	3000-020054-010
57	59.0-61.0		3000-013057-010	
60	62.0-64.0		3000-013060-010	3000-020060-010