

## 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



#### Design

##### Self-Adhesive Layer

fast and professional assembly

##### Polyolefin foam

robust & high-quality insulation



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#### 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 products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.



# Technical Properties

Properties	Units SI	Values	Testing method
<b>Physical properties</b>			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m <sup>3</sup>	18 - 40	-
Structure	-	Fine, closed-cells	-
Color	-	Anthracite	-
<b>Thermal properties</b>			
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.035 @ 10°C 0.038 @ 40°C	EN ISO 8497
<b>Fire properties</b>			
SBI classification	-	C <sub>L</sub> -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
<b>Water resistance properties</b>			
Water absorption	kg/m <sup>2</sup>	0.02	EN 13472
<b>Self-Adhesive layer*</b>			
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