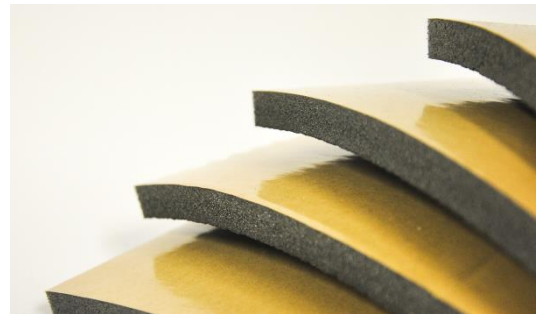


# ThermaSmart® PRO Sheet SA

Thermal Insulation by Thermaflex®

Self-Adhesive thermal sheet insulation product made of direct extruded, closed-cell high quality polyolefine foam

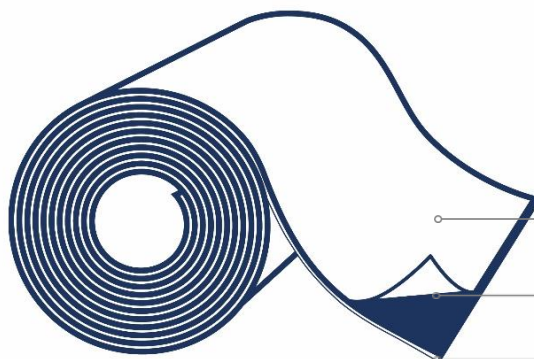


## Benefits

- Condensation free system installed by qualified insulator
- Consistent performance - damage free, robust insulation material
- Fast installation due to self-adhesive layer
- Safety - Excellent fire and smoke behavior
- Gain point for Green building program with certified ThermaSmart PRO foam insulation - Cradle to Cradle Certified™ Bronze, EPD, RoHS

## Applications

- Heating and Air conditioning applications



### Design

**Paper release liner**  
effectively protects the insulation

**Self-Adhesive Layer**  
quick and easy assembly

**Polyolefin foam**  
durable insulation material



#### 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 12667
<b>Fire properties</b>			
SBI classification	-	B, s2, d0	EN 13501-1
British standard	-	Class 1	BS 476 Part 7
British standard	-	Class 0	BS 476 Part 6
Flammability standard	-	-	UL94
<b>Water resistance properties</b>			
Water vapor diffusion	μ	≥ 5,300	EN 13469
Water absorption	kg/m <sup>2</sup>	0.05	EN 1609
<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%)

\* The adhesion with Self-Adhesive layer was testing according our installation manual on a flat metal surface in an oven at 95°C for 7 days.

\*\*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 Rolls, width 1000mm (990-1010mm)
- Short Rolls, width 1000mm (990-1010mm)

Item Code	Wall thickness [mm]	Content [m <sup>2</sup> ]	Measures
<b>Rolls, Width = 1000mm**</b>			
3200-007100-104	7.5	100	1m x 100m roll
3200-010100-104	10	104	1m x 104m roll
3200-013100-104	13	78	1m x 78m roll
3200-019100-104*	19	52	1m x 52m roll
3200-025100-104*	25	39	1m x 39m roll
<b>Short Rolls, Width = 1000mm**</b>			
3200-010100-304	10	10	1m x 10m roll
3200-013100-304	13	8	1m x 8m roll
3200-019100-304*	19	6	1m x 6m roll
3200-025100-304*	25	4	1m x 4m roll

\* on request

\*\* laminated sheet 2x500mm