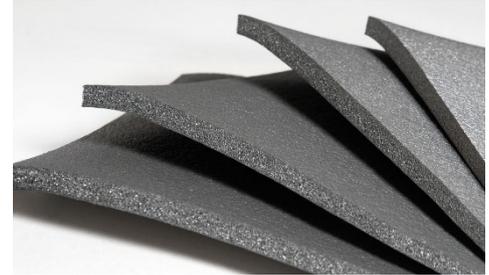


# ThermaSmart® PRO LS Sheet

Thermal Insulation by Thermaflex®

Fully recyclable thermal sheet insulation product made of direct extruded, closed-cell high quality polyolefin foam.

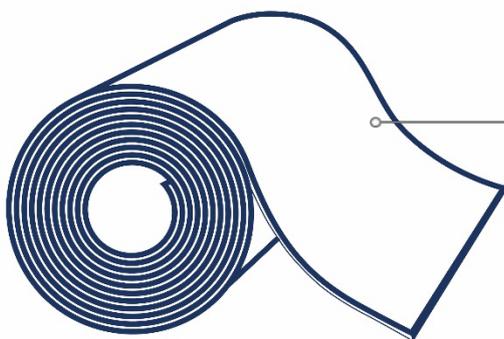


## Benefits

- Safety - Excellent fire and smoke behavior: LS = Low smoke
- Condensation free system for life-time installed by qualified insulator
- Consistent performance - damage free, robust insulation material
- Protection against freezing and noise reduction

## Applications

- All HVAC-R systems: Heating, Cooling, Air conditioning and Refrigeration



### Design

Polyolefin foam  
durable insulation material

CE



## 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	-
Odour	-	Neutral	ASTM C 1304
<b>Thermal properties</b>			
Service temperature range	°C	-80 to +95	-
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.035 @ 10°C 0.038 @ 40°C	EN 12667
<b>Fire properties</b>			
SBI classification	-	C, s1, d0	EN 13501-1
<b>Water resistance properties</b>			
Water absorption	kg/m <sup>2</sup>	0.05	EN 1609

## 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>			
3202-010100-004	10 (8.5-11.5)	104	1m x 104m roll**
3202-013100-004	13 (11.0-15.0)	78	1m x 78m roll**
3202-019100-004	19 (17.0-21.0)	52	1m x 52m roll**
3202-025100-004	25 (23.0-27.0)	39	1m x 39m roll**
<b>Short Rolls, Width = 1000mm*</b>			
3202-010100-204	10 (8.5-11.5)	10	1m x 10m roll**
3202-013100-204	13 (11.0-15.0)	8	1m x 8m roll**
3202-019100-204	19 (17.0-21.0)	6	1m x 6m roll**
3202-025100-204	25 (23.0-27.0)	4	1m x 4m roll**

\* laminated sheet 2x500mm

\*\* roll may consist of 2 pieces with the total roll length as declared in the table with 1 extra meter as compensation.