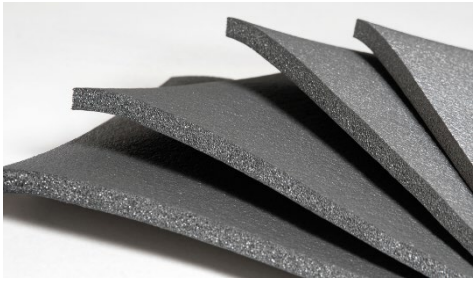
THERMAFLEX ®

Technical Data Sheet

ThermaSmart® PRO LS Sheet

Thermal Insulation by Thermaflex®

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

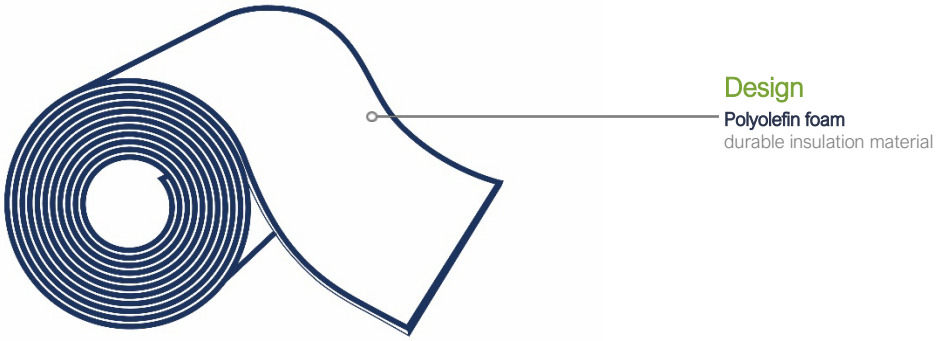


Benefits

- 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.



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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
Physical properties			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m³	18 - 40	-
Structure	-	Fine, closed-cells	-
Color	-	Anthracite*	-
Odour	-	Neutral	ASTM C 1304
Thermal properties			
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
Fire properties			
SBI classification	-	C, s1, d0	EN 13501-1
Water resistance properties			
Water absorption	kg/m²	0.05	EN 1609

* Colour, cell size and surface structure may vary between production batches.

Availability

- Standard Rolls, width 1000mm (990-1010mm)
- Short Rolls, width 1000mm (990-1010mm)

Item Code	Wall thickness [mm]	Content [m²]	Measures
Rolls, Width = 1000mm*			
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 (17.5-21.5)	52	1m x 52m roll**
3202-025100-004	25 (22.5-27.5)	39	1m x 39m roll**
Short Rolls, Width = 1000mm*			
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 (17.5-21.5)	6	1m x 6m roll**
3202-025100-204	25 (22.5-27.5)	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.

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