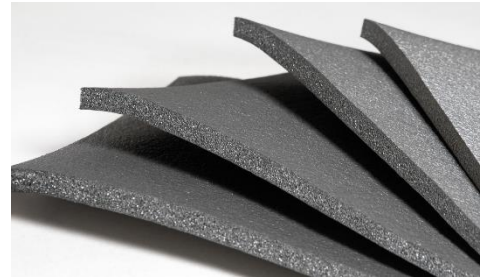


# ThermaSmart<sup>®</sup> PRO Sheet

Thermal Insulation by Thermaflex<sup>®</sup>

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

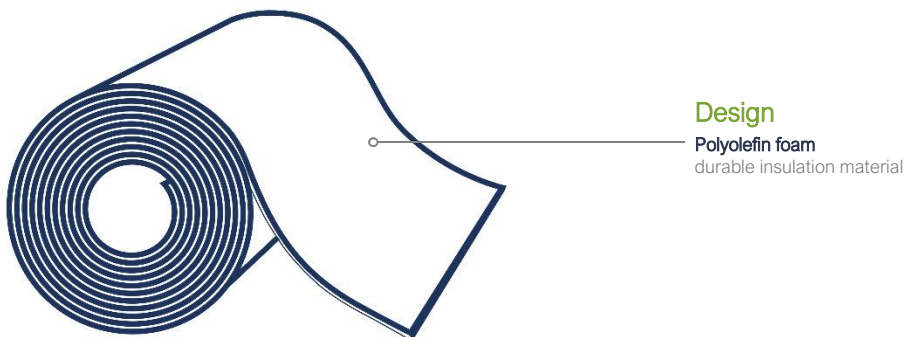


## Benefits

- Condensation free system for life-time installed by qualified insulator
- Consistent performance - damage free, robust insulation material
- Safety - Excellent fire and smoke behavior
- Gain point for Green building program - Cradle to Cradle Certified™ Bronze, EPD, RoHS

## Applications

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



# 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>			
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	-	B, s2, 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 vapor diffusion	μ	≥ 5,300	EN 12086
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>			
3200-007100-004	7.5 (6.0-9.0)	100	1m x 100m roll
3200-010100-004	10 (8.5-11.5)	104	1m x 104m roll
3200-013100-004	13 (11.0-15.0)	78	1m x 78m roll
3200-019100-004	19 (17.0-21.0)	52	1m x 52m roll
3200-025100-004	25 (23.0-27.0)	39	1m x 39m roll
<b>Short Rolls, Width = 1000mm*</b>			
3200-010100-204	10 (8.5-11.5)	10	1m x 10m roll
3200-013100-204	13 (11.0-15.0)	8	1m x 8m roll
3200-019100-204	19 (17.0-21.0)	6	1m x 6m roll
3200-025100-204	25 (23.0-27.0)	4	1m x 4m roll

\* laminated sheet 2x500mm