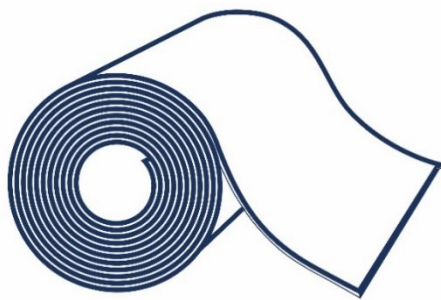
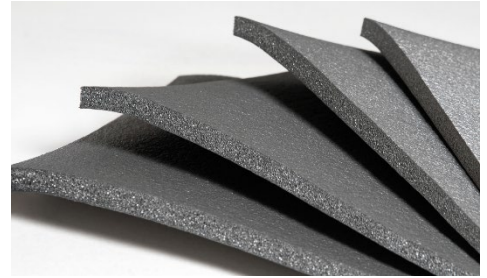


ThermaSmart® PRO HF

Thermal Insulation by Thermaflex®

Advanced thermal halogen-free sheet insulation, crafted from direct-extruded, closed-cell high-quality polyolefin foam. This cutting-edge material not only ensures superior thermal performance and durability but also offers enhanced flexibility, making it ideal for varied applications.



Design

Polyolefin foam

Robust & high quality insulation

Benefits

- Improved flexibility, effortless installation and handling
- Prevents condensation
- Develops less, non-toxic smoke in case of fire
- Excellent sustainability: durable and energy saving
- Free of halogens and other harmful substances like: PFAS, ATO, PVC, SCCP and MCCP
- Fast and easy installation
- No fungus growth

Applications

- Perfect for air conditioning ducts, refrigeration and freezing systems and components
- Comprehensive system compatibility: an uniform and seamless insulation for your complete system – pipes, ducts, chillers, fans, coils, air handlers, and tanks

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 the 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 (foam)	kg/m ³	≤ 40	-
Foam structure	-	Fine, closed-cells > 85%	-
Color	-	Foam: grey	-
Thermal properties			
Service temperature range	°C	-80 to +95	EN 14706
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.038 @ 40°C	EN 12667
Water resistance properties			
Water absorption	kg/m ²	WS 005	EN 1609
Health			
Additional features		SCCP, MCCP, PFAS, ATO, PVC, and halogen free	-
Flexibility			
Shore hardness	scale OO	46	-

Availability

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

Item Code	Wall thickness [mm]	Content [m ²]	Dimensions
Medium Rolls *ThermaSmart PRO HF, Width = 1000 mm			
3204-010100-804	10 (8.5-11.5)	40	1m x 40m roll*
3204-013100-804	13 (11.0-15.0)	34	1m x 34m roll*
3204-019100-804	19 (17.0-21.0)	20	1m x 20m roll*
3204-025100-804	25 (23.0-27.0)	16	1m x 16m roll*

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