

ThermaCompact IS

Thermal insulation by Thermaflex®

Fully recyclable thermal tube insulation made of directly extruded, closed-cell, high quality polyethylene foam with strong protective polymer coating

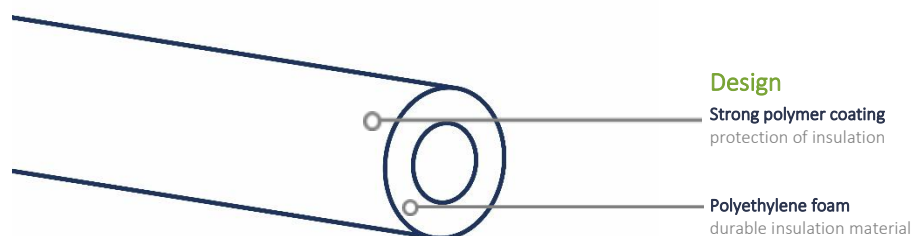


Benefits

- Consistent performance – strong protective polymer coating and robust insulation material
- Easy cleaning due to smooth skin

Applications

- Domestic heating and plumbing – energy conservation in walls and floor spaces



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	kg/m ³	18-40	-
Structure	-	Fine, closed-cells	-
Color	-	Foam: grey Skin: red/blue	-
Thermal properties			
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.038 @ 20°C 0.039 @ 30°C 0.040 @ 40°C 0.041 @ 50°C	EN 8497
Fire properties			
SBI classification	-	B _s 1d0 up to 9 mm*, E ₁ for 13-25 mm	EN 13501-1
Water resistance properties			
Water absorption	-	WS005	EN 13472

* test performed for 9 mm wall thickness

Availability

- Product length 1,5 m (148-152 cm) in carton boxes (157x40x30cm)
- Product versions: non-slit, with red polymer coating

Tube Insulation					
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]			
		9 (8,5-10)	13 (12-13,5)	20 (19-20,5)	25 (26-28) d*15, (25-27) d*18-22, (24-26) >d*22
15	16,0-17,5	3030-009015-500	3030-013015-500	-	3030-025015-500
18	19,0-20,5	3030-009018-500	3030-013018-500	3030-020018-500	3030-025018-500
22	23,0-24,5	3030-009022-500	3030-013022-500	3030-020022-500	3030-025022-500
28	29,0-31,0	3030-009028-500	3030-013028-500	3030-020028-500	3030-025028-500
35	36,0-38,0	3030-009035-500	3030-013035-500	3030-020035-500	3030-025035-500
42	44,0-46,0	3030-009042-500	3030-013042-500	3030-020042-500	3030-025042-500

* d - tube diameters

- Product length 2 m (198-204 cm) in carton boxes (205x60x40cm)
- Product versions: non-slit, with red or blue polymer coating

Tube Insulation						
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]				
		6 (5,5-7,0)	9 (8,5-10)	13 (12-13,5)	20 (19-20,5)	25 (26-28) d*15, (25-27) d*18-22, (24-26) >d*22
15	16,0-17,5	3030-006015-400 (401 blue)	3030-009015-400 (401 blue)	3030-013015-400	3030-025015-400	
18	19,0-20,5	3030-006018-400 (401 blue)	3030-009018-400 (401 blue)	3030-013018-400	3030-020018-400	3030-025018-400
22	23,0-24,5	3030-006022-400 (401 blue)	3030-009022-400 (401 blue)	3030-013022-400	3030-020022-400	3030-025022-400
28	29,0-31,0	3030-006028-400 (401 blue)	3030-009028-400 (401 blue)	3030-013028-400	3030-020028-400	3030-025028-400
35	36,0-38,0	3030-006035-400 (401 blue)	3030-009035-400 (401 blue)	3030-013035-400	3030-020035-400	3030-025035-400
42	44,0-46,0		3030-009042-400 (401 blue)	3030-013042-400	3030-020042-400	3030-025042-400

* d - tube diameters