THERMAFLEX ®

Technical Data Sheet

ThermaCompact IS

Thermal insulation by Thermaflex®

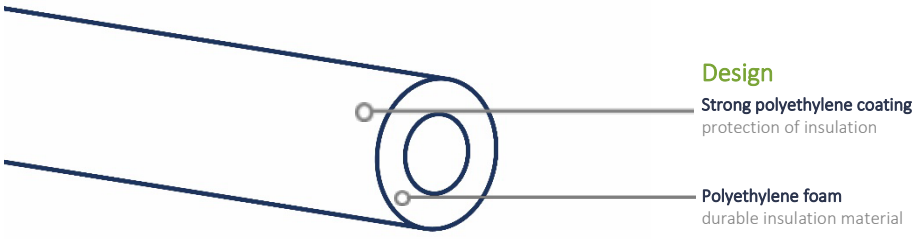
Thermal tube insulation made of directly extruded, closed-cell, high quality polyethylene foam with strong protective coating.

Benefits

- Consistent performance – strong protective coating and robust insulation material.
- Easy cleaning due to smooth outer layer.

Applications

- Domestic heating and plumbing.



CE RoHS COMPLIANT

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	Standard / testing method
Physical properties			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m^3	18-40	-
Structure	-	Fine, closed-cells	-
Color	-	Foam: grey Layer: red/blue	-
Thermal properties			
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.040 @ 40°C	EN 8497
Fire properties			
SBI classification	-	B_Ls1d0* up to wall thickness 13 mm E_L above wall thickness 13	---------- EN 13501-1
Water resistance properties			
Water absorption	-	WS005	EN ISO 12623

*SBI test performed for sample of 13mm wall thickness and inner diameter of 22mm.

Availability

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

Tube Insulation					
		Wall thickness [mm]			
Carrier pipe Ø max. [mm]	Tube insulation Ø [mm]	9 (7.5-10.5)	13 (11.0-15.0)	20 (17.5-22.5)	25 (22.5-27.5)
15	16.0-19.0	3030-009015-500	3030-013015-500	-	3030-025015-500
18	19.0-22.0	3030-009018-500	3030-013018-500	3030-020018-500	3030-025018-500
22	23.0-26.0	3030-009022-500	3030-013022-500	3030-020022-500	3030-025022-500
28	29.0-32.0	3030-009028-500	3030-013028-500	3030-020028-500	3030-025028-500
35	36.0-39.0	3030-009035-500	3030-013035-500	3030-020035-500	3030-025035-500
42	44.0-48.0	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 polyethylene coating

Tube Insulation						
		Wall thickness [mm]				
Carrier pipe Ø max. [mm]	Tube insulation Ø [mm]	6 (5.0-7.0)	9 (7.5-10.5)	13 (11.0-15.0)	20 (17.5-22.5)	25 (22.5-27.5)
15	16.0-19.0	3030-006015-400 (401 blue)	3030-009015-400 (401 blue)	3030-013015-400	-	3030-025015-400
18	19.0-22.0	3030-006018-400 (401 blue)	3030-009018-400 (401 blue)	3030-013018-400	3030-020018-400	3030-025018-400
22	23.0-26.0	3030-006022-400 (401 blue)	3030-009022-400 (401 blue)	3030-013022-400	3030-020022-400	3030-025022-400
28	29.0-32.0	3030-006028-400 (401 blue)	3030-009028-400 (401 blue)	3030-013028-400	3030-020028-400	3030-025028-400
35	36.0-39.0	3030-006035-400 (401 blue)	3030-009035-400 (401 blue)	3030-013035-400	3030-020035-400	3030-025035-400
42	44.0-50.0	-	3030-009042-400 (401 blue)	3030-013042-400	3030-020042-400	3030-025042-400

* d - tube diameters.

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