

ThermaCompact IS

Thermal Insulation by Thermaflex[®]

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

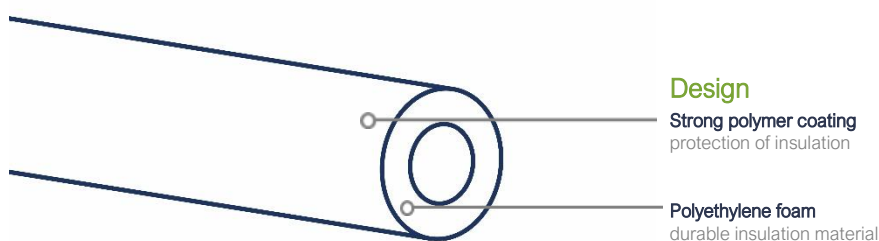


Benefits

- 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



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 13787
Fire properties			
SBI classification	-	E _L	EN 13501-1
Water resistance properties			
Water absorption	kg/m ²	0.05	EN 13472

Availability

- Standard product length is 2m (198-204cm) 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) d15, (25-27) d18-22, (24-26) >d22	
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
32	33.0-35.5						
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