

ThermaCompact IS10

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.

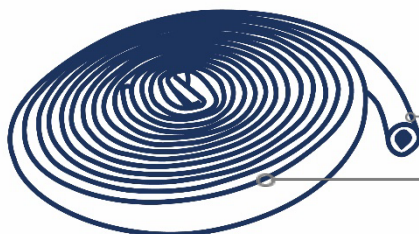


Benefits

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

Applications

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



Design

Polyethylene foam
durable insulation material

Strong polymer coating
protection of insulation





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	0.040 at 40°C	EN ISO 8497
Fire properties			
SBI classification	-	BLs1d0* up to wall thickness 13 mm EL above wall thickness 13 mm	----- EN 13501-1
Water resistance properties			
Water absorption	kg/m ²	WS 005	EN 13472

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

Availability

- ThermaCompact IS10 has a product length of 10m (998-1004cm) delivered in coils.
- 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 (5.0-7.0) red	6 (5.0-7.0) blue
15	16.0-19.0	3130-006015-200	3130-006015-201
18	19.0-22.0	3130-006018-200	3130-006018-201
22	23.0-26.0	3130-006022-200	3130-006022-201
28	29.0-32.0	3130-006028-200	3130-006028-201
35	36.0-39.0	3130-006035-200	3130-006035-201