

# 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

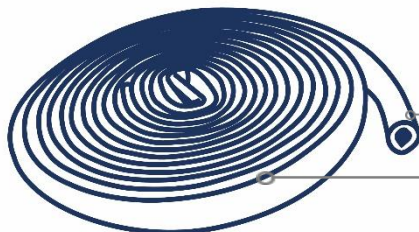


## Benefits

- Consistent performance – strong protective polymer 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
<b>Physical properties</b>			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m <sup>3</sup>	18-40	-
Structure	-	Fine, closed-cells	-
Color	-	Foam: grey Skin: red/blue	-
<b>Thermal properties</b>			
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
<b>Fire properties</b>			
SBI classification	-	B <sub>s</sub> s1d0 up to 9 mm*, E <sub>1</sub> for 13-25 mm	EN 13501-1
<b>Water resistance properties</b>			
Water absorption	kg/m <sup>2</sup>	0.05	EN 13472

\* test performed for 9 mm wall thickness

## 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 (5.5-7.0) red	6 (5.5-7.0) blue
15	16.0-17.5	3130-006015-200	3130-006015-201
18	19.0-20.5	3130-006018-200	3130-006018-201
22	23.0-24.5	3130-006022-200	3130-006022-201
28	29.0-31.0	3130-006028-200	3130-006028-201
35	36.0-38.0	3130-006035-200	3130-006035-201