



Technical Data Sheet / Fisa tehnica

ThermaCompact IS; IS10

Izolatie termica de la Thermaflex

ThermaCompact IS; IS10 este o izolatie termica la tub complet reciclabila produsa prin extruziune directa, din spuma de polietilena de inalta calitate cu celule inchise cu invelis protector de polimer

Beneficii:

- Performanta consistenta – Invelis dur de polimer protector si material de izolatie robust
- Usor de curatat datorita invelisului sau

Aplicatii

- Incalzire si instalatii – conservarea energiei in pereti si pardoseli

Proprietati tehnice

Properties	Units SI	Values	Testing method
Physical properties			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m ³	18 – 40	-
Structure	-	fine, closed-cell	-
Color	-	Skin: red / blue Foam: grey	-
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

Gama disponibila

- Lungimea standard a tuburilor este 2 m (198-204 cm) in cutii de carton (205x30x40 cm)
- ThermaCompact IS 10 are lungimea de 10 m (-2/+4 cm) livrat in colaci
- Versiuni ale produsului : ne-taiate, cu invelis de polimer rosu sau albastru

Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]
15	16.0-17.5	35	36.0-38.0
18	19.0-20.5		
22	23.0-24.5	42	44.0-46.0
28	29.0-31.0	48	50.0-52.0
32	33.0-35.5	54	56.0-58.0

Insulation thickness [mm]	Wall thickness [mm]
6 (5.5-7)	
9 (8.5-10)	d15-54
13 (12-13,5)	d15-48
20 (19-20.5)	
25 (26-28)	d15
25 (25-27)	d18-22
25 (24-26)	>d22