



BRONZE

Technical Data Sheet / Fisa tehnica

ThermaSmart[®] PRO Tube

Izolatie termica de la Thermaflex

ThermaSmart PRO este o izolatie termica la tub complet reciclabila produsa prin extruziune directa, din spuma de polietilena cu celule inchise.

Beneficii:

- Sistem ce nu permite condensarea, garantat pe viata, daca este instalat de un profesionist
- Performanta consistenta – rezistenta la deteriorari, material de izolare robust
- Siguranta – comportament excelent la foc si fum
- Fabricarea rapida a fittingurilor – prin sudare pana la ID42mm
- Utilizarea acestei izolatii permite obtinerea de puncte in programul Green_building



Aplicatii

- Toate sistemele HVAC-R : Incalzire, Racire, Aer conditionat si Refrigerare

Proprietati tehnice

Properties	Units SI	Values	Testing method
Physical properties			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m ³	21- 40	-
Structure	-	Fine, closed-cells	-
Color	-	Anthracite	-
Thermal properties			
Service temperature range	°C	-80 to +95	-
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m.K	0.035 @ 10°C 0.038 @ 40°C	EN ISO 8497
Fire properties			
SBI classification	-	BL, s1, d0	EN 13501-1
British standard	-	Class 1	BS 476 Part 7
British standard	-	Class 0	BS 476 Part 6
Flammability standard	-	HF-1	UL94
Smoke & Toxicity	-	Pass	IMO Resolution MSC 307(88) annex 1 part 5
Water resistance properties			
Water vapor diffusion	μ	$\geq 10,000$	EN 13469
Water absorption	kg/m ²	0.01	EN 13472

Gama disponibila

- Lungimea standard a produsului este de 2 m in cutii de carton
- In colaci pana la fi 28 mm si grosime 6-13 mm
- Variante ale produsului : ne-taiat, pre-taiat, cu adeziv
- Teuri si coturi prefabricate

Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]
6	7.0-8.5	40	42.0-43.5
8	9.0-10.5	42	44.0-46.0
10	11.0-12.5	48	50.0-52.0
12	13.0-14.5	50	52.0-54.0
15	16.0-17.5	54	56.0-58.0
18	19.0-20.5	60	62.0-64.0
20	21.0-22.5	63	65.0 - 67.5
22	23.0-24.5	76	77.0 - 79.5
25	26.0-27.5	89	91.5 - 94.5
28	29.0-30.5	102	105.0 - 108.0
32	33.0-35.0	108	111.5 - 114.0
35	36.0-38.0	114	117.0 - 120.0

Insulation Wall thickness [mm]
6
9
13
19
25
30

V1.0, 2018-07-24



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