

ThermaGo PE Tube

Thermal Insulation by Thermaflex

Fully recyclable thermal halogen free tube insulation product, made of direct extruded, closed-cell high quality polyethylene foam, available with self-adhesive layer



Benefits

- Fast and easy installation with self-adhesive layer version
- Halogen free product
- Prefabrications and accessories available
- Consistent performance - Damage free, robust insulation material

Applications

- Domestic heating and plumbing – energy conservation

Design

Self-Adhesive Layer

fast and professional assembly

Polyethylene foam

durable insulation material





Technical Properties

Properties	Units SI	Values	Testing method
Physical properties			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m ³	25 - 36	-
Structure	-	Fine, closed-cells	-
Color	-	grey	-
Thermal properties			
Service temperature range	°C	-80 to +100	-
Maximum service temperature	°C	+100	EN 14707
Thermal conductivity (λ)	W/m·K	0.038 @ 20°C 0.040 @ 40°C	EN ISO 8497
Fire properties			
SBI classification	-	E _L	EN 13501-1
Water resistance properties			
Water absorption	-	WS 01	EN 13472
Self-Adhesive layer*			
A colorless pressure-sensitive modified acrylic adhesives layer covered with a paper release liner.			
Shelf-life	month	12	(15 – 30°C and RH 40-75%)

*product warranty of the self-adhesive layer is limited to 1 year, the ThermaGo PE foam insulation warranty is according our general terms and conditions.

Availability

- Standard product length is 1m (96-102cm) in carton boxes (104/40/40cm)
- Product length 2m also available for products with “*”
- Product versions: Self-adhesive (only tube wall thickness 20mm)

Tube Insulation				
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		
		9 (8.0-10.0)	13 (12.0-14.0)	20 (SA) (18.0-20.0)
12	13.0-15.0			
15	16.0-17.5	3056-009015-011	3056-013015-011 3056-013015-012*	3056-020015-013
18	19.0-20.5	3056-009018-011	3056-013018-011 3056-013018-012*	3056-020018-013
22	23.0-24.5	3056-009022-011	3056-013022-011 3056-013022-012*	3056-020022-013
28	29.0-30.5		3056-013028-011 3056-013028-012*	3056-020028-013
35	36.0-38.0			3056-020035-013
42	44.0-46.0			3056-020042-013
48	50.0-52.0			3056-020048-013
54	56.0-58.0			
57	59.0-61.0			
60	62.0-64.0			3056-020060-013



Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]	
		25 (24.0-26.0)	27 (28.0-30.0)
12	13.0-15.0		
15	16.0-17.5		3056-027015-012*
18	19.0-20.5	3056-025018-012	
22	23.0-24.5	3056-025022-011 3056-025022-012*	
28	29.0-30.5	3056-025028-011 3056-025028-012*	

- Pre-fabricated parts



Elbows				
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		
		13 (12.0-14.0)	20 (18.0-20.0)	25 (24.0-26.0)
15	16.0-17.5	3555-013015-010	3555-020015-010	
18	19.0-20.5	3555-013018-010	3555-020018-010	
22	23.0-24.5	3555-013022-010	3555-020022-010	3555-025022-010
28	29.0-30.5	3555-013028-010	3555-020028-010	3555-025028-010
35	36.0-38.0		3555-020035-010	
42	44.0-46.0		3555-020042-010	
48	50.0-52.0		3555-020048-010	
50				
54	56.0-58.0			
60	62.0-64.0		3555-020060-010	
64	65.0-67.5			
76	77.0-79.5			

T-pieces				
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		
		13 (12.0-14.0)	20 (18.0-20.0)	25 (24.0-26.0)
15	16.5-17.5	3555-013015-015	3555-020015-015	
18	19.0-20.5	3555-013018-015	3555-020018-015	
22	23.0-24.5	3555-013022-015	3555-020022-015	3555-025022-015
28	29.0-30.5	3555-013028-015	3555-020028-015	3555-025028-015
35	36.0-38.0		3555-020035-015	
42	44.0-46.0		3555-020042-015	
48	50.0-52.0		3555-020048-015	
54	56.0-58.0			
60	62.0-64.0		3555-020060-015	
76	77.0-79.5			

