

ThermaEco FRZ HF Tube

Thermal Insulation by Thermaflex®

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

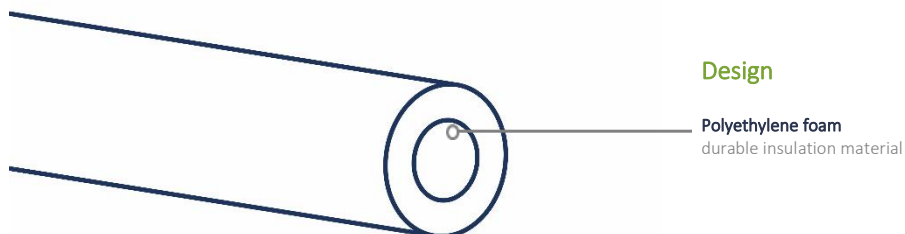


Benefits

- Halogen free product
- Wide product range and prefabrications
- Consistent performance - Damage free, robust insulation material

Applications

- Domestic heating and plumbing – energy conservation



V2.2 - 30.03.2022

Disclaimer

All recommendations and information provided on this data sheet are based on our knowledge and experience. Product specifications are intended as guidelines. Since conditions of service are beyond our control, users must satisfy themselves that products are suitable for the intended use. No guarantee or warranty is given or implied or that any use of products will not infringe rights belonging to other parties. We reserve the right to change product design and properties without notification.



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 +95	-
Maximum service temperature	°C	+95	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 005	EN 13472

Availability

- Standard product length is 2m (198-204cm) in carton boxes (205x60x40cm)
- Product versions: pre-slit

Tube Insulation				
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		
		6 (5.0-6.5)	9 (8.0-10.0)	13 (12.0-14.0)
12	13.0-15.0	3026-006012-020	3026-009012-020	3026-013012-020
15	16.0-17.5	3026-006015-020	3026-009015-020	3026-013015-020
18	19.0-20.5	3026-006018-020	3026-009018-020	3026-013018-020
22	23.0-24.5	3026-006022-020	3026-009022-020	3026-013022-020
28	29.0-30.5	3026-006028-020	3026-009028-020	3026-013028-020
35	36.0-38.0	3026-006035-020	3026-009035-020	3026-013035-020
42	44.0-46.0		3026-009042-020	3026-013042-020
48	50.0-52.0		3026-009048-020	3026-013048-020
54	56.0-58.0		3026-009054-020	3026-013054-020
57	59.0-61.0		3026-009057-020	3026-013057-020
60	62.0-64.0		3026-009060-020	3026-013060-020
64	65.0-67.5		3026-009063-020	3026-013063-020
70	72.0-74.0			3026-013070-020
76	77.0-79.5		3026-009076-020	3026-013076-020
89	91.5-94.5			3026-013089-020
102	105.0-108.0			3026-013102-020
108	111.5-114.0			3026-013108-020
114	117.0-120.0			3026-013114-020



Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		
		20 (18.0-20.0)	25 (24.0-26.0)	30 (29.0-31.0)
12	13.0-15.0	3026-020012-020	3026-025012-020	
15	16.0-17.5	3026-020015-020	3026-025015-020	3026-030015-020
18	19.0-20.5	3026-020018-020	3026-025018-020	3026-030018-020
22	23.0-24.5	3026-020022-020	3026-025022-020	3026-030022-020
28	29.0-30.5	3026-020028-020	3026-025028-020	3026-030028-020
35	36.0-38.0	3026-020035-020	3026-025035-020	3026-030035-020
42	44.0-46.0	3026-020042-020	3026-025042-020	3026-030042-020
48	50.0-52.0	3026-020048-020	3026-025048-020	3026-030048-020
54	56.0-58.0	3026-020054-020	3026-025054-020	3026-030054-020
57	59.0-61.0	3026-020057-020	3026-025057-020	3026-030057-020
60	62.0-64.0	3026-020060-020	3026-025060-020	3026-030060-020
64	65.0-67.5	3026-020063-020	3026-025063-020	3026-030063-020
70	72.0-74.0	3026-020070-020	3026-025070-020	
76	77.0-79.5	3026-020076-020	3026-025076-020	3026-030076-020
89	91.5-94.5	3026-020089-020	3026-025089-020	3026-030089-020
102	105.0-108.0	3026-020102-020	3026-025102-020	
108	111.5-114.0	3026-020108-020	3026-025108-020	
114	117.0-120.0	3026-020114-020	3026-025114-020	3026-030114-020

- Pre-fabricated parts



Elbows				
Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		
		9 (8.0-10.0)	13 (12.0-14.0)	20 (18.0-20.0)
15	16.0-17.5	3520-009015-032	3526-013015-042	3526-020015-042
18	19.0-20.5	3520-009018-032	3526-013018-042	3526-020018-042
22	23.0-24.5	3520-009022-032	3526-013022-042	3526-020022-042
28	29.0-30.5	3520-009028-032	3526-013028-042	3526-020028-042
35	36.0-38.0	3520-009035-032	3526-013035-042	3526-020035-042
42	44.0-46.0	3520-009042-032	3526-013042-042	3526-020042-042
48	50.0-52.0	3520-009048-032	3526-013048-042	3526-020048-042
50				3526-020050-042
54	56.0-58.0	3520-009054-032		
60	62.0-64.0		3526-013060-042	3526-020060-042
64	65.0-67.5	3520-009063-032		
76	77.0-79.5	3520-009076-032		
89	91.5-94.5			3526-020089-042
108	111.5-114.0			3526-020108-042
114	117.0-120.0			3526-020114-042



T-pieces			
Carrier Pipe \varnothing max. [mm]	Tube Insulation \varnothing [mm]	Insulation Wall thickness [mm]	
		13 (12.0-14.0)	20 (18.0-20.0)
18	19.0-20.5	3526-013028-302	3526-020018-302
22	23.0-24.5	3526-013022-302	3526-020022-302
28	29.0-30.5	3526-013028-302	3526-020028-302
35	36.0-38.0	3526-013035-302	3526-020035-302
42	44.0-46.0	3526-013042-302	3526-020042-302
48	50.0-52.0	3526-013048-302	3526-020048-302
54	56.0-58.0		3526-020054-302
60	62.0-64.0	3526-013060-302	3526-020060-302
76	77.0-79.5	3526-013076-302	