

ThermaSmart® ENEV Tube

Thermal Insulation by ThermafLEX®

Fully recyclable thermal tube insulation product made of direct extruded, closed-cell high quality polyethylene foam designed for the German market

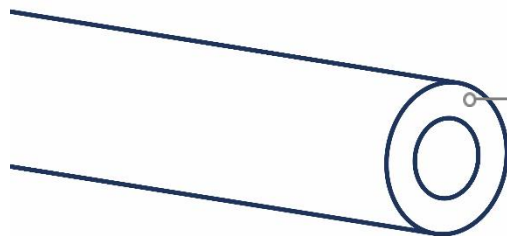


Benefits

- German GEG compliant product range
- Consistent performance - Damage free, robust insulation material
- Safety - Excellent fire and smoke behavior
- Fast fabrication of fitting insulation - Welding technique up to ID42mm

Applications

- Heating and sanitary applications



Design

Polyethylene foam
durable insulation material



V2.1 - 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	21 - 33	-
Structure	-	Fine, closed-cells	-
Color	-	Anthracite	-
Thermal properties			
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.034 @ 10°C 0.036 @ 30°C	EN ISO 8497
Fire properties			
SBI classification	-	C _L , s1, d0	EN 13501-1
Water resistance properties			
Water absorption	kg/m ²	0.01	EN 13472

Availability

- Standard product length is 1,5m (148,5-153cm) in carton boxes (157x40x30cm)
- Product versions: non-slit

Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]					
		Fb*	Item Code	GEG 50%	Item Code	GEG 100%	Item Code
15	16.0-17.5			10 (9.5-11.5)*	3008-010015-500	20 (19.5-21.5)	3008-020015-500
18	19.0-20.5			10 (9.5-11.5)*	3008-010018-500	20 (19.5-21.5)	3008-020018-500
20	21.0-22.5			10 (9.5-11.5)	3008-010020-500	20 (19.5-21.5)	3008-020020-500
22	23.0-24.5			10 (9.5-11.5)*	3008-010022-500	20 (19.5-21.5)	3008-020022-500
25	26.0-27.5			10 (9.5-11.5)	3008-010025-500	20 (19.5-21.5)	3008-020025-500
28	29.0-30.5			10 (9.5-11.5)*	3008-010028-500	20 (19.5-21.5)	3008-020028-500
				15 (14.0-16.0)	3008-015028-500	30 (29.5-31.5)	3008-030028-500
35	36.0-38.0	6 (6.0-7.0)	3008-006035-500	15 (14.0-16.0)	3008-015035-500	30 (29.5-31.5)	3008-030035-500
42	44.0-46.0	6 (6.0-7.0)	3008-006042-500	20 (19.5-21.5)	3008-020042-500	35 (34.5-36.5)	3008-035042-500
48	50.0-52.0			20 (19.5-21.5)	3008-020048-500		
54	56.0-58.0			25 (24.5-26.5)	3008-025054-500		
60	62.0-64.0			30 (29.5-31.5)	3008-030060-500		

* Fb = in the floor structure

- In coils up to Ø 28mm and wall thickness 10mm



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18	19.0-20.5			10 (9.5-11.5)	3108-010018-000		
22	23.0-24.5			10 (9.5-11.5)	3108-010022-000		
28	29.0-30.5			10 (9.5-11.5)	3108-010028-000		