

## 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

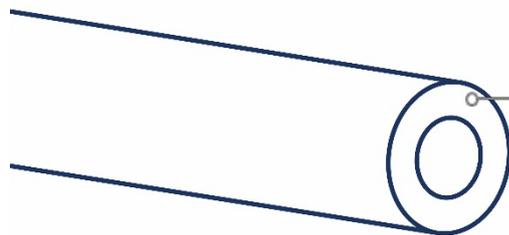


### Benefits

- 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





## Technical Properties

Properties	Units SI	Values	Testing method
<b>Physical properties</b>			
Dimensional tolerances	-	Coherent	EN 14313
Density	kg/m <sup>3</sup>	21 - 33	-
Structure	-	Fine, closed-cells	-
Color	-	Anthracite	-
<b>Thermal properties</b>			
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.034 @ 10°C 0.036 @ 30°C	EN ISO 8497
<b>Fire properties</b>			
SBI classification	-	C <sub>L</sub> , s1, d0	EN 13501-1
<b>Water resistance properties</b>			
Water absorption		WS 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]		GEG 50%		GEG 100%	
		Fb*	Item Code	Item Code	Item Code	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



Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		GEG 50%		GEG 100%	
		Fb	Item Code	Item Code	Item Code	Item Code	
15	16.0-17.5			10 (9.5-11.5)	3108-010015-000		
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		