

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

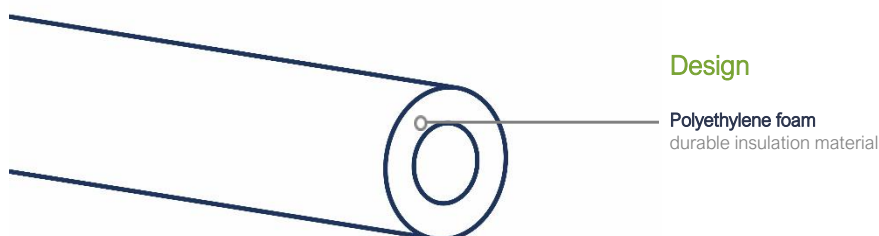


Benefits

- German EnEV 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



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 _s , 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)
- In coils up to ø 28mm and wall thickness 10mm
- Product versions: non-slit
- Pre-fabricated parts

Carrier Pipe Ø max. [mm]	Tube Insulation Ø [mm]	Insulation Wall thickness [mm]		
		Fb	EnEV 50%	EnEV 100%
16	16.0-17.5		10 (9.5-11.5)*	20 (19.5-21.5)
18	19.0-20.5		10 (9.5-11.5)*	20 (19.5-21.5)
20	21.0-22.5		10 (9.5-11.5)	20 (19.5-21.5)
22	23.0-24.5		10 (9.5-11.5)*	20 (19.5-21.5)
26	26.0-27.5		10 (9.5-11.5)	20 (19.5-21.5)
28	29.0-30.5		10 (9.5-11.5)*	20 (19.5-21.5)
			15 (14.0-16.0)	30 (29.5-31.5)
35	36.0-38.0	6 (6.0-7.0)	15 (14.0-16.0)	30 (29.5-31.5)
42	44.0-46.0	6 (6.0-7.0)	20 (19.5-21.5)	35 (34.5-36.5)
48	50.0-52.0		20 (19.5-21.5)	
54	56.0-58.0		25 (24.5-26.5)	
60	62.0-64.0		30 (29.5-31.5)	

* available in coils

