

ThermaSmart® ENEV-Q

Thermal Insulation by ThermafLEX®

Fully recyclable thermal tube insulation product made of direct extruded, closed-cell high quality thermoplastic foam with coextruded yellow polyolefin outer skin

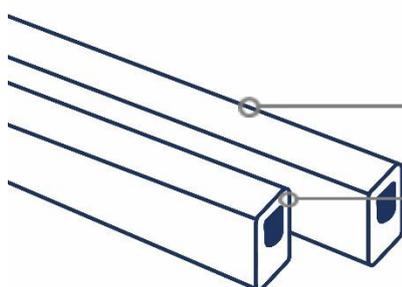


Benefits

- German GEG compliant product range
- Condensation free system for life-time installed by qualified insulator
- Consistent performance – Damage free, robust insulation material

Applications

- Heat distribution lines in under-floor application



Design

Strong polyolefin outer skin
protection of insulation

Polyolefin foam
Robust & high-quality insulation



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 the 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 (foam)	kg/m ³	25-35	-
Foam structure	-	Fine, closed-cells	-
Color	-	Foam: Anthracite Skin: Yellow	-
Pressure resistance	N/mm ²	Force 10%: 0.035-0.045 Force 20%: 0.060-0.090 Force 50%: 0.130-0.170	ISO 844 / DIN 53577
Thermal properties			
Maximum service temperature	°C	+95	EN 14707
Thermal conductivity (λ)	W/m·K	0.040 @ 40°C	EN ISO 8497
Fire properties			
SBI classification	-	Class E _L	EN 13501-1
Water resistance properties			
Water absorption	kg/m ²	0.01	EN 13472

Availability

- Standard product length is 1.5m (149-153cm) in carton boxes (157x40x30cm)
- Product version: non-slit

Carrier Pipe	Insulation Wall thickness [mm]		Product dimensions				
	Ø max. [mm]	Fb*	Item Code	GEG 100% Item Code	A [mm] (hole)	B [mm] (lower wall)	
15		6	3009-006015-518		16-19	5-7	
				20	3009-020015-518	16-19	17,5-22,5
18		6	3009-006018-518		19-22	5-7	
				20	3009-020018-518	19-22	17,5-22,5
22		6	3009-006022-518		23-26	5-7	
				20	3009-020022-518	23-26	17,5-22,5
28		6	3009-006028-518		29-32	5-7	
				20 ¹	3009-020028-518	29-32	17,5-22,5
35		6	3009-006035-518		36-39	5-7	
				30	3009-030035-518	36-39	27,5-32,5
42				40	3009-040042-518	44-48	36-44



¹ 100% insulation according to GEG only for Fe pipes
* according to GEG (Fb = in the floor structure)