THERMAFLEX ®

Technical Data Sheet

ThermaGo Alu

Thermal insulation

Mineral wool tubes in aluminum foil coating with self-adhesive closure tab in the form of tubes and elbows for thermal and acoustic insulation.

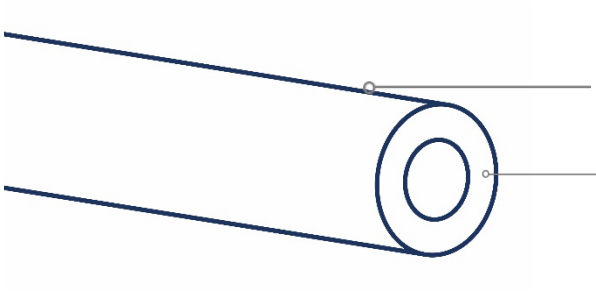


Benefits

- Temperature resistance up to 250° C.
- High performance aesthetics.
- Quick and easy assembly.
- Non-flammable.
- Acoustic and thermal insulation.

Applications

- Thermal insulation for central heating pipes, hot water pipes, sewer lines, ventilation ducts, and solar panels.



Design

Aluminum foil
Protection of the proper insulation and additional protection against heat loss

Mineral wool
Thermal 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 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
Fire rating			
Reaction to fire	-	$A2_L$-s1, d0	EN 14303
Thermal properties			
Max. service temperature	°C	+250	
Thermal conductivity (λ) inner diameter [mm] ≤ 40	W/m·K	0,033 @ 10°C 0,037 @ 40°C 0,056 @ 150°C	
Thermal conductivity (λ) inner diameter [mm] ≥ 40	W/m·K	0,034 @ 10°C 0,038 @ 40°C 0,060 @ 150°C	
Water resistance			
Water permeability	kg/m^2	< 1	
Water vapor permeability	-	MV1	

Availability

- Standard tube length 1m, packed in cardboard boxes (101x40x40cm).

Tubes

Inner diameter (mm)	Wall thickness [mm]	Item code	Meters in box
15	20	3082-020015-001	42
18	20	3082-020018-001	42
22	20	3082-020022-001	36
28	20	3082-020028-001	30
35	20	3082-020035-001	25

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