11091831
LG 3M ALFLEX ALU D450

Compacted aluminium ALFLEX is flexible and light to connect a branch and a terminal in full simplicity.

Compacted aluminium Alflex

PRODUCT BENEFITS

- duct compacted for transport and storage,
- flexible and light duct,
- M0 fire certification.

Product description

Compacted aluminium ALFLEX is used as the final sleeve connection of the branch to the terminal for commercial buildings and multi-occupancy housing. It is very light and flexible, simple to install and to handle.

Fields of application

Multi-occupancy residential housing, Individual residential housing, New, Refurbishment, Non-residential buildings

Installation

- fit female duct to male accessory,
- use sealant or RAF vulcanisable tape to ensure an airtight seal,
- fit a steel sleeve (type 12220 or 12252) on the terminal side.

Reference arguments

Application:

- Final connection from ducting to terminal. Requires use of a sleeve
- Very flexible and light, very simple to handle and set up
- Prohibited for gas CMEV system, insufficient thickness
- Maximum temperature: - continuous: 250°C - occasional: 300°C

Description:

- Aluminium A410 sheet stapled in spiral pattern, diameter 450 mm
- Thickness: 12/100 mm
- Supplied in 3 metre straight lengths
- Bend radius: 2 D

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Main characteristics

- A410 aluminium sheet with spiral stapling,
- Thickness:
- 10/10 mm for diameters 80, 100 and 160 to 250 mm,
- 8/100 mm for diameters 125 and 150 mm,
- 12/100 mm for diameters 315 to 500 mm.
- packaging:
- Ø 80 to 250: 3 m compacted into 0.60 m,
- Ø 315 to 400: 5 m compacted into 1 m,
- Ø 450 and 500: straight length 3 m.
- bend radius:
- Ø 80 to 250 = 0.6 D,
- Ø 315 to Ø 500 = 2 D.
- maximum operating temperature:
- continuous: 200°C,
- peak: 250°C.
- M0 fire certification (A1),
- prohibited for use on gas CMEV (too thin).

Accessories

Désignations	References
Pack of 25 multi-purpose collars Ø 60-540 mm	11090026
Pack of 50 clamp collars	11090031

General data

References	Free air passage section (m²)	Maximum use temperature (°C)
11091831	0,64	300

Dimensional data

References	L (mm)	Ø (mm)	Bend radius
11091831	3000	450	2 D