

# 11091902

## ALGAINE aluminium duct M0 D100 - 10M

ALGAINE Alu is used to connect a rigid duct to a terminal while ensuring excellent airtight performance and high mechanical shearing strength.



Algaine Alu

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### PRODUCT BENEFITS

- duct compacted for transport and storage,
- improved airtight performance and mechanical shearing strength than 100% aluminium ducts,
- M0 fire certification.

### Product description

ALGAINE Alu connects a rigid duct to a terminal. The use of polyester between the aluminium foils means the duct offers better airtight performance and mechanical resistance to shearing compared to 100% aluminium ducts.

### Fields of application

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

### Installation

- the duct simply slots onto the branch duct or plenum ring,
- airtight seal ensured using RAA type aluminium tape,
- mechanical attachment with multi-purpose clamp or CSF wire collar,
- two lengths are connected together using an RM male connector.

### Reference arguments

Application:

- Flexible aluminium ducts for connection between rigid ducting and terminals in non-residential buildings

Description:

- Laminated layers (90 microns) of aluminium and polyester glued around a spiral steel wire diameter 100 mm. Ensures better air tightness and mechanical resistance to shearing compared to 100 % aluminium ducts
- Packaging: 10 m compacted into 50 cm
- Bend radius: 0.6 D
- Class A1 as per decision of 21/11/2002

### Main characteristics

- laminated sheets (90 microns) of aluminium and polyester bonded round a spiral steel wire,
- packaging:
  - Ø 80: 10 m compacted into 60 cm,
  - - Ø 100 to Ø 250: 10 m compacted into 50 cm,
  - - Ø 315 to Ø 500: 10 m compacted into 60 cm.
- bend radius: 0.6 D,
- M0 fire certification (A1).

### Accessories

Désignations	References
Pack of 25 multi-purpose collars Ø 60-215 mm	11090024
Pack of 25 multi-purpose collars Ø 60-540 mm	11090026
Perforated tape 17 mm, roll of 25 m	11090049
RAP tape roll of 33 m	11091009
RAA tape width 50 mm, roll of 50 m	11091013

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### General data

References	Free air passage section (m <sup>2</sup> )	Maximum use temperature (°C)
11091902	0.03	250

### Dimensional data

References	L (mm)	Ø (mm)	Weight (kg)	Bend radius
11091902	10000	100	7,5	0,6 D + 25 mm