

# 11091957

## ALFLEX ALU HEAT L 3M D315

The ALFLEX Alu Insulated duct provides a thermally insulated connection between a branch duct and a terminal.



Thermally-insulated aluminium Alflex

### PRODUCT BENEFITS

- flexible duct with built-in thermal insulation,
- M0 fire certification.

### Product description

ALFLEX Alu Insulated is a flexible, semi-rigid duct comprising two layers of aluminium foil enclosing 25 mm of glass wool insulation. It provides a thermally-insulated connection between a connector and a terminal (for heat recovery, air conditioning, etc.).

### 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.

### Reference arguments

Application:

- Thermally insulated connection from ducting to terminal (heat recovery, air conditioning, etc.)
- Operating temperature: continuous: 200°C, occasional: 250°C

Description:

- Semi-rigid duct length 3 m - diameter 315 mm
- Alflex aluminium inside, 25 mm layer of glass wool and Alflex aluminium 'light' outside
- Supplied in 3 m straight lengths
- Bend radius: 3 D
- Class A1 as per decision of 21/11/2002

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### Main characteristics

- material:
  - inner: ALFLEX Alu,
  - outer: ALFLEX Alu light,
  - thermal insulation: 25 mm glass wool.
- packaged in 3 m straight length,
- bend radius:
  - Ø80 to 150 = 2 D,
  - Ø160 to 250 = 2,5 D,
  - Ø315 to 450 = 3 D.
- maximum operating temperature:
  - continuous: 200°C,
  - peak: 250°C.
- M0 fire certification (A1).

### Accessories

| Désignations                                 | References |
|--|------------|
| Pack of 25 multi-purpose collars Ø 60-370 mm | 11090025   |
| Pack of 25 multi-purpose collars Ø 60-540 mm | 11090026   |
| Pack of 50 clamp collars                     | 11090031   |
| CSF Ø 315 mm (pack of 10)                    | 11094657   |

### General data

| References | Free air passage section (m <sup>2</sup> ) | Maximum use temperature (°C) |
|------------|--|------------------------------|
| 11091957   | 0,31                                       | 250                          |

### Dimensional data

| References | L (mm) | Ø (mm) | Weight (kg) | Bend radius |
|------------|--------|--------|-------------|-------------|
| 11091957   | 3000   | 315    | 12,6        | 3 D         |