

## Rigid plastic duct

# 11091951

## ALFLEX ALU HEAT L 3M D100

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



### 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 100 mm
- Alflex aluminium inside, 25 mm layer of glass wool and Alflex aluminium 'light' outside
- Supplied in 3 m straight lengths
- Bend radius: 2 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:
  - Ø 80 to 150 = 2 D,
  - Ø 160 to 250 = 2,5 D,
  - Ø 315 to 450 = 3 D.
- maximum operating temperature:
  - continuous: 200°C,
  - peak: 250°C.
- M0 fire certification (A1).

## Accessories

Description	Variants
Pack of 25 multi-purpose collars Ø 60-145 mm	11090023
Pack of 25 multi-purpose collars Ø 60-215 mm	11090024
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 100 mm (pack of 10)	11094652

## General data

Variants	Free air passage section (m <sup>2</sup> )	Maximum use temperature (°C)
11091951	0,03	250

## Dimensional data

Variants	L (mm)	Ø (mm)	Bend radius	Weight (kg)
11091951	3000	100	2 D	2,1