

Uninsulated Flex - Flexible Uninsulated Duct

- Tough Mylar outer jacket
- Fully encapsulated spring steel wire
- Flame resistant dry lamination adhesive resin
- High and low pressure suitability
- Low resistance to airflow (correct installation)
- High resistance to waste permeation
- Significantly dampens mechanical vibrations
- Exceeds current fire requirements – see test compliance at bottom of page
- Diameters (mm): 100 125 150 200 250 300 250 400 450 500 550 600
- Lengths: 3m 6m

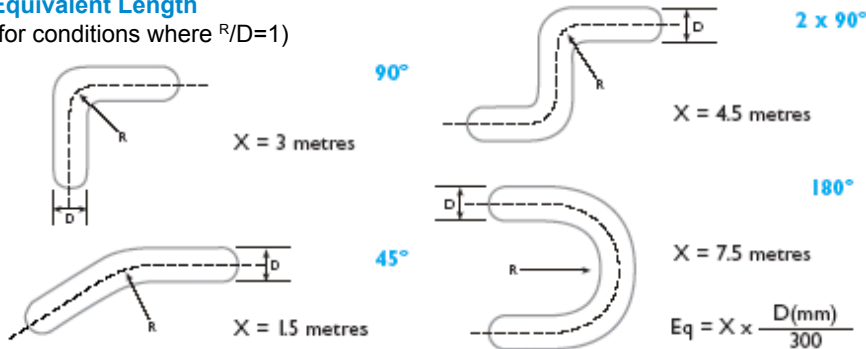


Flexible Uninsulated Duct

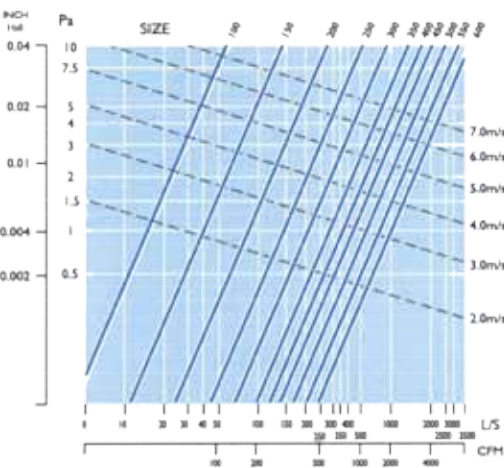
- Metallized Outer Surface
- Fire Rated 4254-2002
- Operating Temperature: -20°C to +80°C
- Operating Pressure: -190pa to +1200pa
- General Use: Exhaust and ventilation systems

Equivalent Length

(for conditions where $R/D=1$)



Performance Graph - Metalized Core Duct



Example:

- 5m Ø200 core at 100L/S
- Pressure Drop 1.4Pa/m
- Duct has one 90° bend with R/D=1
- Equivalent length-3 x 200/300=2m
- Total Duct Static -(2+5) x 1.4 = 9.8Pa

Scope of Supply:

Metalized core fire rated flexible duct is available in 3m and 6m lengths. Available in the following diameters:

- 100mm 250mm 400mm 550mm
150mm 300mm 450mm 600mm
200mm 350mm 500mm

Test Compliance

Flexible Ductwork complies with the test requirements of AS4254:2012 & UL 181 standard for safety: Factory Made Air Ducts.

Un-insulated Flex – Test Results

AS 1530 Part 3	Passed
UL 181 Burning	Passed
UL 181 Mould Growth	Passed
UL 181 High & Low Temperature	Passed
UL 181 Puncture	Passed
UL 181 Static Load	Passed
UL 181 Impact	Passed
UL 181 Pressure	Passed
UL 181 Collapse	Passed
UL 181 Tension	Passed

Due to a policy of continuous development, prices and specifications are subject to change without notice.

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