

Flexible Duct - Non-Insulated

The ally ducts are flexible, strong laminate ducts for various purposes. The ducts consist of several layers of aluminium and polyester, with a high tensile steel spiral helix enclosed between the layers. The duct can be attached to round and oval connection parts without any problems. The fire resistance of the ally ducts has been tested according to the current UK standards. Because of the "sandwich construction", the different layers of polyester and aluminium are overlapping each other completely. In case of fire, the system is able to function longer.



Item Code	Diameter (mm)
160074/10	Ø 102
160074A/10	Ø 127
160075/10	Ø 152
160076/10	Ø 203
160077/10	Ø 254
160078/10	Ø 305
160079/10	Ø 315
160080/10	Ø 355
160081/10	Ø 406

Application

- Air supply systems, where a higher temperature resistance is required
- Air conditioning systems, where a higher temperature resistance is required

Specifications

Temperature range	-30 °C to 250 °C
Operating pressure	up to +3000 Pa
Operating air velocity	max. 30 m/s
Bending radius	min. 0.58 x Ø
Standard diameter range	102 - 405 mm
Standard length	10 mtr

Construction

Total Layers	4
Layers of aluminium	3 @ 25 microns
Layers of polyester	1 @ 12 microns
Total Thickness	87 microns (excl. adhesive)
Wire spacing	12, 18, 25mm
Appearance	Aluminium

Classifications

UK (BS476)	Part 6, 7 & 20
------------	----------------

Please contact our Sales Office on for selection guidance on the above:

3-4 Torridge Close,
Telford Way Industrial Estate,
Kettering, Northants, NN16 8PY

P 01536 519 922

E sales@polyaire.co.uk