

Flexible aluminium ventilation duct

ALAD-L**Description**

AluductAD-L flexible ducts are made from aluminium polyester foil and reinforced with a helical coil of steel wire for better stiffness and shape stability. This product is recommended for all ventilation systems which require flexible connections between individual components. It is most often used for connecting ductwork to plenum boxes and air valves. It is also a popular option for building air exhaust lines which require no thermal or sound insulation.

Packaging: 10 metre sections compressed to 600 mm and packed in cardboard boxes.

Flexibility (winding diameter): Depends on the actual duct diameter, i.e. ca. 0.6D (mm).

Temperature range: -20°C to +140°C.

Maximum acceptable vacuum: Depending on the duct routing. For straight runs, 1/3 of the pressure transferred at the specific diameter can be taken.

Fire classification references: 0982.4/11/Z00NPU

This product is also available in the GREEN version with a low VOC emission level.



Product code: ALAD-G-L

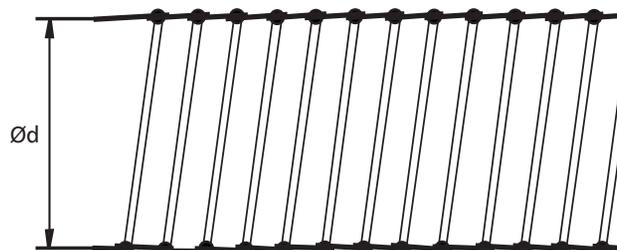
Name: ALUDUCT-G AD-L

Available materials — Product code example
ALAD-L... — AW-1050A H24 aluminium sheet

Product code example

Product code: ALAD-L - aaa

type _____
Ød₁ _____

Dimensions

Ød _{1 nom} (mm)	Ød out. (mm)	Max. acceptable pressure (Pa)	Tolerance (mm)
80	82,0	2500	+ 1.5
100	102,0	2500	+ 1.5
125	127,0	2500	+ 1.5
140	140,0	2500	+ 1.5
150	152,0	2500	+ 1.5
160	160,0	2500	+ 2.0
180	180,0	2500	+ 2.0
200	203,0	2500	+ 2.0
225	229,0	2500	+ 2.0
250	254,0	2500	+ 3.0
280	280,0	2500	+ 3.0
300	305,0	2500	+ 3.0
315	315,0	2500	+ 3.0
355	355,0	2500	+ 3.0
400	406,0	2500	+ 4.0
450	457,0	2500	+ 4.0
500	508,0	2500	+ 4.0
560	568,0	2500	+ 4.0
630	638,0	2500	+ 4.0
710	718,0	2500	+ 4.0
800	810,0	2500	+ 4.0

ALUDUCT flexible ventilation ducts

ALAD-L, ALAD-3

Technical specifications

Straight-line pressure drop chart

