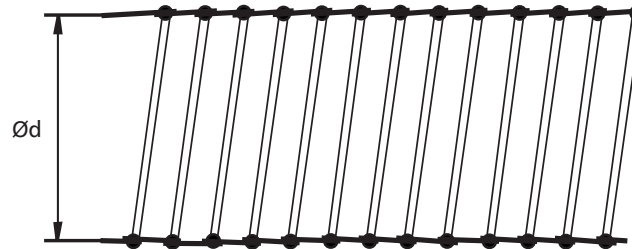


High-temperature flexible aluminium duct

ALAD-3



Dimensions



Description

Aluduct AD-3 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 ventilation systems which require flexible connections between components and temperature resistance up to 250°C. 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 800mm and packed in cardboard boxes.

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

Temperature range: -30°C to +250°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.

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



Product code: ALAD-G-3
Name: ALUDUCT-G AD-3

Available materials — Product code example
ALAD-3-... — AW-1050A H24 aluminium sheet

Product code example

Product code: ALAD-3 - aaa

type _____
Ød₁ _____

Ød _{1 nom} (mm)	Ød out. (mm)	Max. acceptable pressure (Pa)	Tolerance (mm)
80	82,0	3000	+ 1.5
100	102,0	3000	+ 1.5
125	127,0	3000	+ 1.5
140	140,0	3000	+ 1.5
150	152,0	3000	+ 1.5
160	160,0	3000	+ 2.0
180	180,0	3000	+ 2.0
200	203,0	3000	+ 2.0
225	229,0	3000	+ 2.0
250	254,0	3000	+ 3.0
280	280,0	3000	+ 3.0
300	305,0	3000	+ 3.0
315	315,0	3000	+ 3.0
355	355,0	3000	+ 3.0
400	406,0	3000	+ 4.0
450	457,0	3000	+ 4.0
500	508,0	3000	+ 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

