

Semi-flexible aluminium duct

AF-AL



Description

ALNOR FLEX ducts are made from 60-mm wide aluminium foil strip spiral coils. The ducts are designed for flexible connections between specific ventilation system components, e.g. the main ventilation ducts and plenum boxes. They can also be used for hot air exhaust connections between fireplace fireboxes and for building air heating ductwork.

Packaging: 3-metre sections compressed to 1000 – 1300 mm.

Flexibility: The minimum duct bending radius is 1.5 times the duct diameter ($R = 1.5D$)

Temperature range: -30°C to $+250^{\circ}\text{C}$

Max. humidity: 95%

Maximum acceptable static pressure: 2000 Pa

Maximum acceptable static vacuum: 1000 Pa

Flow rate:

Recommended operating velocity: max. 7 m/s

Maximum flow velocity: 25 m/s

Fire resistance: non-flammable

Available materials - Product code example

AF-AL-...- aluminium sheet

Product code example

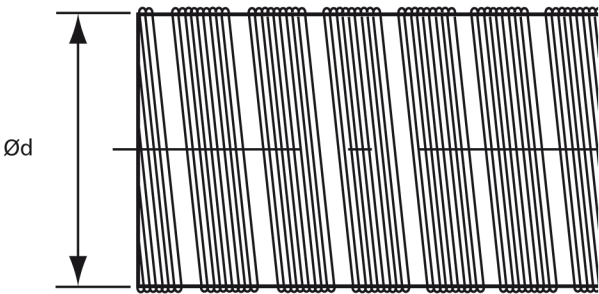
Product code: AF-AL - aaa - bbbb

type

Ød

length

Dimensions



$\varnothing d_{1\text{ nom}}$ (mm)	$\varnothing d_{2\text{ nom}}$ (mm)	Length L (mm)	Weight (kg)
125	128	3000	0.53
160	164	3000	0.68
200	204	3000	0.90
250	254	3000	1.13
315	319	3000	1.42
355	359	3000	1.60
400	406	3000	1.80
450	456	3000	2.14
500	506	3000	2.25