

COMBIFLEX flexible ventilation ducts

COM-F**Description**

COMBIFLEX ducts are made from multi-layered aluminium foil in a hermetic and non-flammable 110-micron PVC cladding. The duct structure is reinforced with a helical steel spring wire coil. A great advantage of this product is that humidity does not condense on its surfaces. The COMBIFLEX is easy to clean and resists UV light and chemicals.

The COMBIFLEX is recommended for building ductwork in ventilation, A/C and air heating systems.

Packaging: 10 metre sections packed in cardboard boxes.

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

Temperature range: -30°C to +150°C

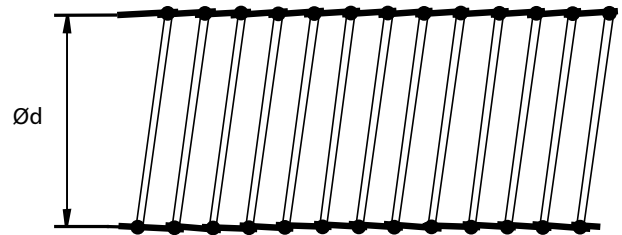
Maximum acceptable vacuum: Depending on the duct routing. For straight runs, 1/3 of the pressure transferred at the specific diameter can be taken.

Available materials - Product code example
COM-F-...-...- AW-1050A H24 aluminium sheet

Product code example

Product code: **COM-F - aaa - bbbb**

type _____
 $\varnothing d_1$ _____
 length _____

Dimensions

$\varnothing d_{1 \text{ nom}}$ (mm)	$\varnothing d \text{ out.}$ (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
150	152.0	3000	+ 1.5
160	160.0	3000	+ 2.0
180	185.0	3000	+ 2.0
200	203.0	3000	+ 2.0
225	229.0	3000	+ 2.0
250	254.0	3000	+ 3.0
300	305.0	3000	+ 3.0
315	315.0	3000	+ 3.0
355	356.0	3000	+ 3.0
400	406.0	3000	+ 4.0
450	457.0	3000	+ 4.0
500	508.0	3000	+ 4.0

*Larger diameters available upon request.

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Pressure loss chart for COM-F

