

High-temperature insulated bactericidal duct

ALID-HY-3



Description

ALID-HY-3 are flexible ventilation ducts with 25 mm thick mineral wool insulation. The inner and outer cladding are made from multi-layered aluminium polyester foil. The inner cladding features an internal bactericidal liner and a reinforcement made from a helical spring steel wire coil.

The ALID-HY-3 insulated flexible ducts prevent the growth of harmful bacteria, fungi and mould inside the ventilation. The ALID-HY-3 insulated flexible ducts are recommended for ventilation and A/C systems.

Packaging: 10 metre sections packed in cardboard boxes.

Flexibility (winding diameter): Depends on the actual duct diameter, i.e. from 0.8D to 1.1D (mm).

Temperature range: -30 °C to +180 °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.

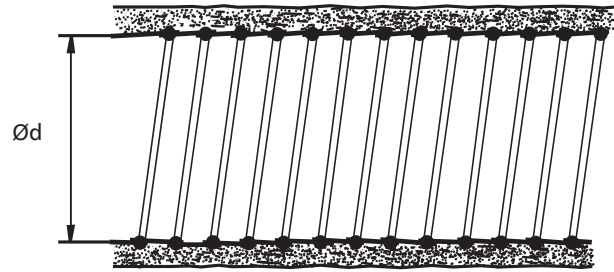
Available materials — Product code example
ALID-HY-3-... — AW-1050A H24 aluminium sheet

Product code example

Product code: **ALID-HY-3 - aaa**

type _____
Ød _____

Dimensions



$\text{Ø}d_{\text{nom}}$ (mm)	$\text{Ø}d_{\text{out.}}$ (mm)	Max. acceptable pressure (Pa)	Tolerance (mm)
100	102.0	3000	+ 1.5
125	127.0	3000	+ 1.5
150	152.0	3000	+ 2.0
160	160.0	3000	+ 2.0
200	203.0	3000	+ 2.0
250	254.0	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