Thermal and sound insulated flexible duct

ALSD-M-L

Description

The ALSD-M-L is a flexible, acoustically and thermally insulated aluminum ventilation duct designed for low- and medium-pressure HVAC systems, including marine applications (MED certified).

Inner Duct Construction: 3 ply aluminium + 1 ply polyester [Perforated]
Nominal Thickness of Inner Duct: 74 micron
Barrier Construction: 1 ply polyethylene
Barrier Thickness: 12 micron

Outer Jacket Construction: 1 ply aluminium + 2 ply polyester
Nominal Thickness of Jacket: 45 micron

Insulation - Thickness - Density: Glass wool - 25 mm - 16 kg/m³
Wire Spacing: 35 mm (ø ≥ 127 mm)

Operating Temp. Range: -30 °C / +150 °C
Air Velocity: 30 m/s (max) aa
Maximum working pressure: +3000 Pa

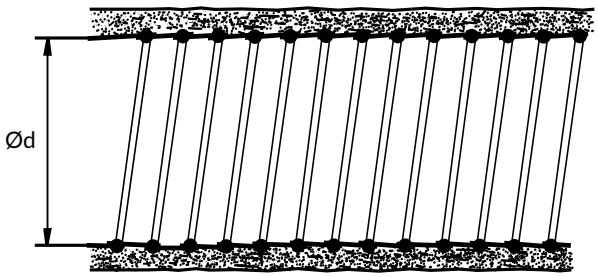
Airtightness class: EN 13180 compliant
Fire reaction: M0 / M1
Certification: Marine approved (WheelMark compliant where applicable)

Packing: The duct is 10 meters long. Ducts are supplied only in 10m long units, compressed to 1,2m and packed in separate cartoon box.

Product code example
Product code: **ALSD-M-L - 200 - 125 - 1000**

type
insulation thickness
Ød$_{nom}$
lenght

Dimensions



Ød$_{nom}$ (mm)	Ød (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
160	160.0	3000	+ 2.0
200	203.0	3000	+ 2.0
250	254.0	3000	+ 3.0
315	315.0	3000	+ 3.0

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