

FLAME-RETARDANT

ISODUC ALU-PES 368 Sound Insulation

Sound-damping HVAC hose for fans and cooling units



ISODUC ALU-PES 368 Sound Insulation combines the thermal properties of the ALU-PES laminate with a damping insulation core that significantly reduces noise from fans, cooling units and other noise sources in the ventilation installation.

Media: Gas

Temp: -30 °C to 140 °C

✓ Cut to length

APPLICATIONS

- Supply and distribution of conditioned air in buildings and plants
- Extraction of process, kitchen and laboratory air
- Thermal insulation around hot media up to 140 C (ALU-PES)
- Acoustic damping at fans and cooling units
- Rapid flexible connection between components in compact plant rooms
- Refurbishment where high flexibility and low weight are advantages
- Marine ventilation and engine-room cooling

Technical specifications

Material	ALU-PES laminate with integrated sound-absorbing core
Colour	silver (with damping core)
Wall construction	Laminate outer layer with spring-steel reinforcement; damping filler in the wall
Spiral material	Spring-steel wire
Conveying media	Gas
Temperature range	-30 °C – 140 °C
Short-term peak	140 °C
Cut to length	Yes
Manufacturer SKU	3683504

Standards and compliance

en-13501-1, RoHS, REACH

Dimensions and ordering

Article no.

ISODUC hoses are ventilation/low-pressure products; pressure values are reported as maximum H₂O pressure in mmH₂O, not as working pressure in bar. Compressibility and maximum air velocity are specified by the manufacturer at 20 C. Bend radius is measured along the inside of the hose bend.

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