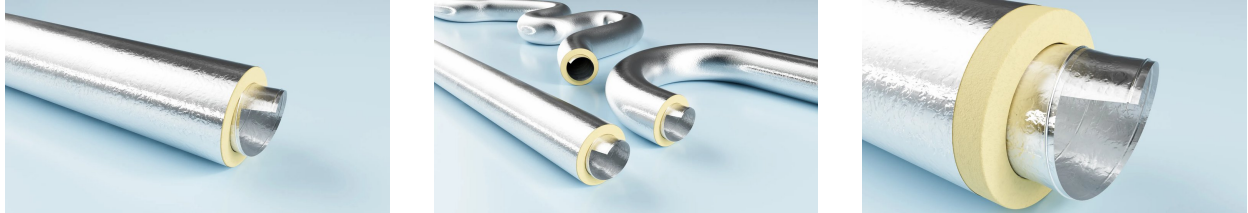


FLAME-RETARDANT

ISODUC ALU-PES 368 SE

Reinforced ALU-PES variant with extra coil density



ISODUC ALU-PES 368 SE is the reinforced variant of ALU-PES 368 with denser spiral winding, intended for higher flexibility demands and more demanding bend runs. Retains the fire classification and high-temperature properties.

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	Aluminium-polyester laminate (ALU-PES) with denser spiral winding
Colour	silver
Wall construction	Laminate with spring-steel reinforcement; the SE variant has reduced pitch
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	3683506

Standards and compliance

en-13501-1, RoHS, REACH

Dimensions and ordering

The hose is supplied in 16 standard sizes from inner Ø 76.0 mm to 610.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Bend rad. [mm]	Max len. [m]	Article no.
76	76	10	36800763507
82	82	10	36800823507
102	102	10	36801023507
127	127	10	36801273507
152	152	10	36801523507
160	160	10	36801603507
180	180	10	36801803507
203	203	10	36802033507
254	254	10	36802543507
305	305	10	36803053507
315	315	10	36803153507
356	356	10	36803563507
406	406	10	36804063507
457	457	10	36804573507
508	508	10	36805083507
610	610	10	36806103507

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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Contact and advisory

Particulair

Højtoften 12
2690 Karlslunde, Denmark
CVR: 34129894

Phone: (+45) 70 23 12 03
E-mail: sales@particulair.com
Web: particulair.eu

Product page: particulair.eu/flexcore/en/brandhaemmende/isoduc-alu-pes-368-se/

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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.