

FLAME-RETARDANT

# ISODUC ALU-PES 368

Highly flexible HVAC hose in aluminium-polyester laminate



ISODUC ALU-PES 368 is a highly flexible air-conditioning hose in aluminium-polyester laminate with spring-steel reinforcement, designed for thermal and acoustic insulation up to 140 C. Fire-classified to EN 13501-1 class C-s1 d0.

**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

<b>Material</b>	Aluminium-polyester laminate (ALU-PES)
<b>Colour</b>	silver
<b>Wall construction</b>	Laminate with spring-steel reinforcement embedded in the wall
<b>Spiral material</b>	Spring-steel wire
<b>Conveying media</b>	Gas
<b>Temperature range</b>	-30 °C – 140 °C
<b>Short-term peak</b>	140 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3683505

### 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	61	10	36800763505
82	66	10	36800823505
102	82	10	36801023505
127	102	10	36801273505
152	122	10	36801523505
160	128	10	36801603505
180	144	10	36801803505
203	162	10	36802033505
254	203	10	36802543505
305	244	10	36803053505
315	252	10	36803153505
356	285	10	36803563505
406	325	10	36804063505
457	366	10	36804573505
508	406	10	36805083505
610	488	10	36806103505

ISODUC hoses are ventilation/low-pressure products; pressure values are reported as maximum H<sub>2</sub>O pressure in mmH<sub>2</sub>O, 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

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