

FLAME-RETARDANT

# ISODUC PVC 368 Anti-Bacterial

Antibacterial PVC ventilation hose for standard HVAC



ISODUC PVC 368 Anti-Bacterial is the cost-effective PVC variant with antibacterial surface treatment to ISO 22196. Used in standard ventilation applications where bacterial growth on the duct surface must be avoided.

**Media:** Gas

**Temp:** -10 °C to 80 °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>	PVC laminate with antibacterial treatment
<b>Colour</b>	light (antibacterial treatment)
<b>Wall construction</b>	PVC laminate with spring-steel reinforcement; surface treatment to ISO 22196
<b>Spiral material</b>	Spring-steel wire
<b>Conveying media</b>	Gas
<b>Temperature range</b>	-10 °C – 80 °C
<b>Short-term peak</b>	80 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3683501

### Standards and compliance

en-13501-1, RoHS, REACH, iso-22196

## 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]	Weight [kg/m]	Article no.
76	61	10	0.25	36800763501
82	66	10	0.28	36800823501
102	82	10	0.31	36801023501
127	102	10	0.37	36801273501
152	122	10	0.45	36801523501
160	128	10	0.47	36801603501
180	144	10	0.52	36801803501
203	162	10	0.62	36802033501
254	203	10	0.78	36802543501
305	244	10	0.92	36803053501
315	252	10	0.88	36803153501
365	285	10	1	36803563501
406	325	10	1.12	36804063501
457	366	10	1.33	36804573501
508	406	10	1.48	36805083501
610	488	10	1.77	36806103501

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.

## Other Particulair microsities

---

We build specialised microsities for critical industries. Each site provides in-depth product data, documentation and expert guidance for the domain it covers.

<a href="https://particulair.eu/ex-vac">particulair.eu/ex-vac</a>	ATEX and ACD vacuum cleaners for explosion hazard zones
<a href="https://particulair.eu/vace">particulair.eu/vace</a>	Nozzles and accessories for critical environments
<a href="https://particulair.eu/life-science">particulair.eu/life-science</a>	Vacuums for pharma and cleanroom
<a href="https://particulair.eu/hardo">particulair.eu/hardo</a>	Explosion-protected electrical Ex-equipment

## Contact and advisory

---

### Particulair

Højtoften 12  
2690 Karlslunde, Denmark  
CVR: 34129894

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

**Product page:** [particulair.eu/flexcore/en/brandhaemmende/isoduc-pvc-368-anti-bacterial/](https://particulair.eu/flexcore/en/brandhaemmende/isoduc-pvc-368-anti-bacterial/)

---

### SMARTER THINKING • BETTER WORKING

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.