

FOOD/PHARMA

# PROTAPE ALU-PES 369 ANTI-BACTERIAL

Anti-bacterial ventilation hose for HVAC and hygiene-sensitive rooms



PROTAPE ALU-PES 369 ANTI-BACTERIAL is a highly flexible ventilation hose with an aluminium-polyester wall and an anti-microbial surface. The wall's anti-bacterial effect is verified per ISO 22196 and the hose is flame retardant per C.S.T.B. class M1. It is used for air supply in hospitals, food production, pharma cleanrooms and general HVAC, where air hygiene is part of the specification.

**Media:** Gas

**Temp:** -30 °C to 130 °C

✓ Cut to length

## APPLICATIONS

- Ventilation in hospitals and operating theatres
- Climate and cooling systems in food production
- Cleanroom supply and exhaust in pharma and laboratories
- HVAC in offices, schools and institutional buildings
- Thermal and acoustic insulation in duct runs
- Extraction in environments where microbial growth must be limited

## Technical specifications

<b>Material</b>	Aluminium-polyester laminate with anti-microbial additive
<b>Colour</b>	silver
<b>Wall construction</b>	Thin laminate wall with spring-steel wire embedded as spiral support
<b>Spiral material</b>	Fjederstaalraad
<b>Conveying media</b>	Gas
<b>Temperature range</b>	-30 °C – 130 °C
<b>Short-term peak</b>	130 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3693508

### Standards and compliance

iso-22196, astm-g21, cstb-m1, RoHS

## 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]	Outer Ø [mm]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
76	77.6	76	10	0.072	36900763508
82	85	82	10	0.08	36900823508
102	105	102	10	0.1	36901023508
127	130	127	10	0.1	36901273508
152	155.4	152	10	0.16	36901523508
160	163.4	160	10	0.16	36901603508
180	183.4	180	10	0.214	36901803508
203	206.4	203	10	0.23	36902033508
254	257.4	254	10	0.32	36902543508
305	308.4	305	10	0.41	36903053508
315	318.4	315	10	0.42	36903153508
356	359.4	356	10	0.48	36903563508
406	409.4	406	10	0.55	36904063508
457	461.2	457	10	0.62	36904573508
508	512.2	508	10	0.69	36905083508
610	614.2	610	10	1.05	36906103508

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. 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/food-pharma/protape-alu-pes-369-anti-bacterial/](https://particulair.eu/flexcore/en/food-pharma/protape-alu-pes-369-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.