

ABRASION-RESISTANT · in accordance with ATEX 2014/34/EU and TRGS 727: zone 21+22 (dust)

EVA 373 EC

Conductive suction hose (EC) for ATEX applications



EVA 373 EC is the electrically conductive variant of EVA 373. Wall resistance below 10^6 Ohm makes the hose suitable for ATEX zones where static electricity is a risk - typically for suction of dust, particles or combustible solvents.

R: $<10^6 \Omega$

ATEX: Zone 0/1/2 + 20/21/22

Media: Dust, Liquid, Gas

Temp: -20 °C to 65 °C

✓ Cut to length

APPLICATIONS

- EVA 373 EC-typical industrial application
- Highly flexible connection
- Compressed air and media transport
- Industrial process coupling
- Continuous operation
- High flexibility in compact spaces
- Robust mechanical load

Technical specifications

Material	EVA (ethylene-vinyl-acetate)
Colour	black (conductive)
Wall construction	EVA (ethylene-vinyl-acetate) with reinforcement
Spiral material	Forstaerkning
Conveying media	Dust, Liquid, Gas
Temperature range	-20 °C – 65 °C
Short-term peak	65 °C
Electrical resistance	<10 ⁶ Ω
ATEX classification	in accordance with ATEX 2014/34/EU and TRGS 727: zone 21+22 (dust) ATEX 2014/34/EU + TRGS 727
Cut to length	Yes
Manufacturer SKU	3730100

Standards and compliance

en-iso-1307, REACH, RoHS, ATEX 2014/34/EU, TRGS 727, iso-8031

Dimensions and ordering

The hose is supplied in 6 standard sizes from inner Ø 25.0 mm to 70.0 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]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
25	0.5	54	30	0.15	37300251003
32	0.5	66	30	0.24	37300321003
38	0.5	74	60	0.31	37300381003
40	0.5	80	30	0.32	37300401003
50.4	0.5	97	60	0.44	37300501003
70	0.5	149	30	0.44	37300701003

Fields without a value are not specified in the manufacturer's factsheet. Pressure values are recommended operating limits. 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.

particulair.eu/ex-vac	ATEX and ACD vacuum cleaners for explosion hazard zones
particulair.eu/vace	Nozzles and accessories for critical environments
particulair.eu/life-science	Vacuums for pharma and cleanroom
particulair.eu/hardo	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
Web: particulair.eu

Product page: particulair.eu/flexcore/en/abrasive/eva-373-ec/

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.