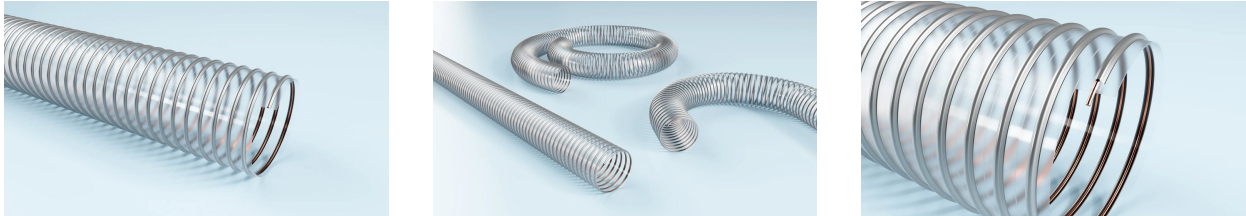


ATEX/ESD · in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)

TIMBERDUC PUR 533 AS

Highly abrasion-resistant suction and pressure hose with increased pressure and vacuum resistance



TIMBERDUC PUR 533 AS is the robust industrial version with increased pressure and vacuum resistance compared to the 531/532 series. Antistatic PUR wall, intended for demanding industrial woodworking applications where abrasion resistance and pressure tolerance are decisive.

R: $<10^9 \Omega$

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

Media: Dust, Gas, Granulate

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Chip and dust extraction from CNC milling, sawing and grinding in the wood industry
- Extraction of combustible wood dust in ATEX zone 22
- Connection between machine and filter system
- Pneumatic conveyance of powder, granulate and chips
- Air supply to tools and extraction arms
- Ventilation and air change in timber kilns and laboratories
- Steam soaking and powder management in industrial processes

Technical specifications

Material	Polyurethane (PUR), permanently antistatic
Colour	transparent / black
Wall construction	PUR wall with embedded spring-steel reinforcement
Spiral material	Spring-steel wire
Conveying media	Dust, Gas, Granulate
Temperature range	-40 °C – 90 °C
Short-term peak	125 °C
Electrical resistance	<10 ⁹ Ω
ATEX classification	in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases) ATEX 2014/34/EU (1999/92/EC) + TRGS 727
Cut to length	Yes
Manufacturer SKU	5332173

Standards and compliance

ATEX 2014/34/EU, TRGS 727, DIN 4102-B1 (fire), DIN 26057, ISO 8031 (electrical resistance), REACH, RoHS

Dimensions and ordering

The hose is supplied in 2 standard sizes from inner Ø 100.0 mm to 104.0 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.
100	98	16	1.2	53301002173
104	100	15	1.24	53301042173

Fields without a value (em-dash) 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.

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Product page: particulair.eu/flexcore/en/atex-esd/timberduc-pur-533-as/

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.