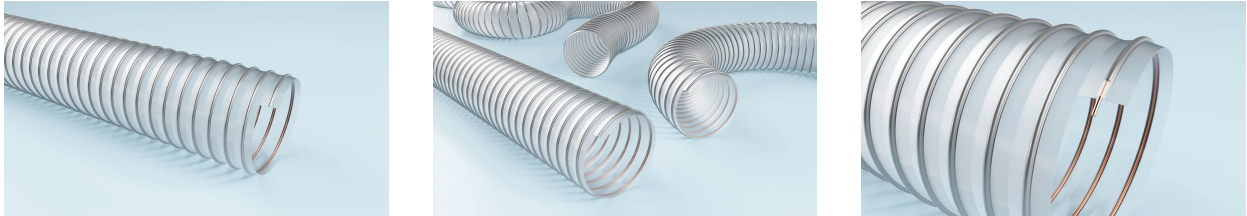


ATEX/ESD · in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)

TIMBERDUC PUR 532 CNC (MD)

Medium-duty hose specifically for CNC milling



TIMBERDUC PUR 532 CNC (MD) is the specialised CNC variant with medium-duty PUR wall, designed for CNC milling where the hose is mounted on moving extraction arms. Offers optimal balance between flexibility and abrasion resistance in larger-diameter runs.

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	$<10^9 \Omega$
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	5322000

Standards and compliance

ATEX 2014/34/EU, TRGS 727, din-4102-b1, din-26057, iso-8031, REACH, RoHS

Dimensions and ordering

The hose is supplied in 8 standard sizes from inner Ø 200.0 mm to 400.0 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]	Wall th. [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
200	0.7	0.245	0.03	128	15	1.9	53202002533
225	0.7	0.215	0.025	143	15	2.1	53202252533
250	0.7	0.195	0.025	158	15	2.3	53202502533
280	0.7	0.175	0.02	176	15	2.6	53202802533
300	0.7	0.16	0.02	188	12	2.8	53203002533
315	0.7	0.155	0.02	197	12	2.95	53203152533
356	0.7	0.135	0.015	222	12	3.3	53203562533
400	0.7	0.12	0.015	248	12	3.7	53204002533

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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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.