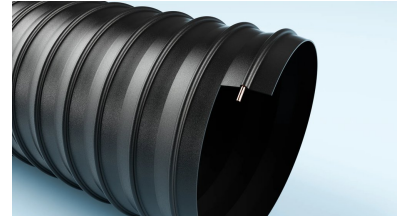


ATEX/ESD · in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)

PROTAPE PUR 330 AS BLACK (LD)

Antistatic PUR extraction hose for dust and vapours in ATEX zones



PROTAPE PUR 330 AS BLACK (LD) is a highly flexible multi-purpose extraction hose with an antistatic wall below $10^9 \Omega$. The hose is qualified per ATEX 2014/34/EU and TRGS 727 for zone 22 inside (dust) and zone 1 + 2 outside (gas). The PUR wall is wear-resistant and lightweight, and the combination of antistatic function and low weight makes the hose a standard solution on extraction systems in chemical, wood processing and mechanical engineering industries.

R: $<10^9 \Omega$

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

Media: Gas, Dust

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Dust extraction from sawing, sanding and machining
- Vapour extraction in chemical industry and laboratories
- Car gas extraction in workshops and test benches
- Industrial vacuum cleaner and central cleaning installations
- Bulk dust handling in paper and textile industries
- Chip extraction from metal and wood working machines

Technical specifications

Material	Polyether-based polyurethane (PUR), antistatic
Colour	black
Wall construction	Smooth outer wall, smooth inner, spring-steel wire embedded as spiral
Spiral material	Fjederstaaltraad
Conveying media	Gas, Dust
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	3303030

Standards and compliance

ISO 8031 (electrical resistance), atex-2014-34, TRGS 727, NFPA 652, REACH, RoHS

Dimensions and ordering

The hose is supplied in 16 standard sizes from inner Ø 25.0 mm to 202.3 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]	Wall th. [mm]	Press. DIN [bar]	Press. 50% [bar]	Vacuum DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
25	30	0.6	-	-	-	-	-	15	0.15	-	33000253030
40	45	0.6	1.02	2.64	0.335	0.69	27	30	0.26	10	33000403030
50.5	58.5	0.6	0.82	2.12	0.22	0.87	33	30	0.37	10	33000503030
55	63	0.6	-	-	-	-	-	10	0.4	-	33000553030
60	68	0.6	0.685	1.77	0.18	0.61	38	30	0.43	10	33000603030
63	71	0.6	-	-	-	-	-	15	0.46	-	33000633030
75.6	83	0.6	0.55	1.42	0.145	0.4	46	30	0.54	10	33000753030
80	88	0.6	0.515	1.33	0.135	0.35	48	30	0.57	10	33000803030
101.5	109.5	0.6	0.415	1.07	0.08	0.31	58	30	0.68	10	33001003030
110	118	0.6	-	-	-	-	-	30	0.73	-	33001103030
120	128	0.6	0.345	0.89	0.065	0.22	68	30	0.8	10	33001203030
126.5	134.5	0.6	0.335	0.86	0.065	0.2	71	30	0.84	10	33001253030
140	148	0.6	0.295	0.76	0.055	0.16	78	30	0.92	10	33001403030
151.5	159.5	0.6	0.275	0.71	0.055	0.14	83	25	1	10	33001503030
160	168	0.6	0.26	0.67	0.05	0.12	88	25	1.05	10	33001603030
202.3	210.3	0.6	0.21	0.54	0.03	0.11	108	20	1.34	10	33002003030

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.

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Product page: particulair.eu/flexcore/en/atex-esd/protape-pur-330-as-black-ld/

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