

ATEX/ESD

PROTAPE® PUR 333 AS (MD)

Antistatic PUR hose with increased pressure and vacuum resistance for municipal vehicles and suction processes



Hard-wearing antistatic polyurethane hose in medium-duty construction with increased pressure and vacuum resistance. Wall thickness 0.9 mm and a plastic-coated spring steel spiral integrated in the wall — a construction targeted at processes where the hose must both handle abrasive media and sustain high vacuum loads. Well suited for municipal vehicles, suction processes, mortar conveying and vacuum pumps.

R: $\sim 10^9 \Omega$

Media: Gas, Dust

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Municipal vehicles, suction trucks and sweepers
- Vacuum pumps and compressors
- Oil mist extraction and exhaust gas
- Conveying of abrasive media in low-pressure applications
- Mortar conveying and powder management
- Asbestos sanitation
- Powder application in offset printing machines
- Rock drill handling

Technical specifications

Material	Polyurethane (PUR), permanently antistatic
Colour	Transparent
Wall construction	Medium duty (MD), 0.9 mm wall thickness, plastic-coated spring steel spiral integrated in the wall
Spiral material	plastic-coated spring steel wire integrated in wall
Conveying media	Gas, Dust
Temperature range	-40 °C – 90 °C
Short-term peak	125 °C
Electrical resistance	$\sim 10^9 \Omega$
Cut to length	Yes
Manufacturer SKU	3330007

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 18 standard sizes from inner Ø 40.0 mm to 300.0 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]	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.
40	49	0.9	1.02	2.64	0.505	1	38	30	0.46	10	33300400007
50.5	59.5	0.9	0.815	2.187	0.41	0.95	48	30	0.6	10	33300500007
60	69	0.9	0.685	1.77	0.35	0.9	58	30	0.7	10	33300600007
64.5	73.5	0.9	0.635	1.635	0.32	0.775	63	30	0.75	10	33300650007
70	79	0.9	0.59	1.52	0.3	0.67	68	30	0.81	10	33300700007
75.6	84.6	0.9	0.55	1.42	0.28	0.59	73	30	0.87	10	33300750007
80	89	0.9	0.515	1.33	0.26	0.52	78	30	0.92	10	33300800007
101.5	113.5	0.9	0.415	1.07	0.11	0.485	98	30	0.99	10	33301000007
120	132	0.9	-	-	-	-	-	30	1.16	-	33301200007
126.5	138.5	0.9	0.335	0.855	0.09	0.315	123	30	1.22	10	33301250007
140	152	0.9	0.295	0.765	0.08	0.25	138	30	1.35	10	33301400007
151.5	163.5	0.9	0.275	0.715	0.075	0.22	148	25	1.45	10	33301500007
160	172	0.9	0.26	0.67	0.07	0.195	158	25	1.53	10	33301600007
180	192	0.9	0.23	0.595	0.06	0.15	178	25	1.71	10	33301800007
202.3	214.3	0.9	0.21	0.535	0.055	0.125	198	20	1.92	10	33302000007
250	263	0.9	0.165	0.43	0.045	0.095	248	15	2.52	10	33302500007
254	267	0.9	-	-	-	-	-	10	2.55	-	33302540007
300	313	0.9	-	-	-	-	298	10	3	-	33303000007

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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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.