

ATEX/ESD

PROTAPE PVC 371 AS (HD)

Antistatic, flame-retardant PVC extraction hose for galvanisation and chemical industry



PROTAPE PVC 371 AS (HD) is a flexible, fabric-reinforced ventilation hose in PVC with an antistatic wall below 10^9 ohm and flame-retardant properties per NF P 92-507 M2. The hose is optimised for vapour extraction in galvanisation, chemical industry and general industrial ventilation where both chemical resistance and antistatic function are required. PVC has better resistance to acids and bases than PUR variants, while PUR has better wear resistance against abrasive particles - choose PVC 371 AS (HD) where the air stream contains chemical vapours.

R: $<10^9 \Omega$

Media: Gas, Dust

Temp: -20 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Galvanisation extraction of acid and base vapours
- Chemical extraction in chemical industry
- Paint shop and finishing booth extraction of solvent vapours
- Acid pickling and surface treatment
- Vapour extraction in electronics production (soldering, fluxes)
- General industrial ventilation where chemical resistance is required

Technical specifications

Material	PVC (poly-vinyl-chloride), antistatic and flame-retardant
Colour	black
Wall construction	Thin 0.5 mm wall with spring-steel wire embedded as spiral
Spiral material	Fjederstaalraad
Conveying media	Gas, Dust
Temperature range	-20 °C – 90 °C
Short-term peak	90 °C
Electrical resistance	$<10^9 \Omega$
Cut to length	Yes
Manufacturer SKU	3713402

Standards and compliance

ISO 8031 (electrical resistance), nf-p-92-507-m2, REACH, RoHS

Dimensions and ordering

The hose is supplied in 25 standard sizes from inner Ø 50.0 mm to 600.0 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]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
50	53.32	0.5	0.41	0.175	40.8	20	0.27	37100503402
60	63.32	0.5	0.34	0.13	48	20	0.32	37100603402
70	73.3	0.5	0.295	0.11	56	20	0.37	37100703402
75	78.32	0.5	0.275	0.095	60.8	20	0.39	37100753402
80	83.32	0.5	0.255	0.095	64	20	0.42	37100803402
90	93.3	0.5	0.23	0.085	72	20	0.47	37100903402
100	103.72	0.5	0.205	0.06	81.6	20	0.45	37101003402
110	113.72	0.5	0.185	0.055	88	20	0.5	37101103402
120	123.7	0.5	0.17	0.05	96	20	0.54	37101203402
125	128.72	0.5	0.165	0.04	101.6	20	0.57	37101253402
140	143.7	0.5	0.145	0.04	112	20	0.92	37101403402
150	153.72	0.5	0.135	0.04	121.6	20	0.68	37101503402
160	163.72	0.5	0.13	0.025	128	20	0.72	37101603402
180	183.7	0.5	0.115	0.025	144	20	0.81	37101803402
200	204.12	0.5	0.105	0.025	162.4	20	0.91	37102003402
250	254.12	0.5	0.085	0.02	200	20	1.13	37102503402
300	304.12	0.5	0.07	0.01	240	20	1.36	37103003402
305	309.5	0.5	0.07	0.01	244	12	1.27	37103053402
350	354.5	0.5	0.04	0.01	280	12	2.58	37103503402
356	360.9	0.5	0.04	0.01	284.8	12	2.58	37103563402
400	404.9	0.5	0.035	0.005	320	12	1.78	37104003402
406	410.92	0.5	0.035	0.005	324.8	12	1.81	37104063402
500	504.9	0.5	0.03	0.005	400	12	2.23	37105003402
508	512.9	0.5	0.03	0.005	406.4	12	3.12	37105083402
600	604.9	0.5	0.02	0.005	480	10	4.95	37106003402

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.