

ABRASION-RESISTANT

PROTAPE PUR 370 (LD)

Flame-retardant, fabric-reinforced PUR hose for welding fume and hot-air extraction



PROTAPE PUR 370 (LD) is a highly flexible ventilation hose with a fabric-reinforced PUR wall, wear-resistant and flame retardant per NF P 92-503 M1. The hose is used for welding fume extraction, hot-air distribution and general ventilation where fire resistance is part of the specification. The operating range is -40 to +125 C, and the wall is just 0.25 mm thick - a lightweight, compact hose optimised for mobile welding fume extraction stations and flexible ventilation connections.

Media: Gas, Dust

Temp: -40 °C to 125 °C

✓ Cut to length

APPLICATIONS

- Welding fume extraction and fume gun connection
- Hot-air distribution in drying systems and heating
- Paint shop and finishing booth extraction in automotive
- Construction drying and temporary heating at building sites
- Cellulose and particle extraction in wood processing
- General industrial ventilation where fire resistance is required

Technical specifications

Material	PUR (polyether-based polyurethane), fabric-reinforced
Colour	dark grey
Wall construction	Thin 0.25 mm wall with polyester fabric embedded as reinforcement, plastic-coated spring-steel wire in spiral
Spiral material	Plast-coatet fjederstaaaltraad
Conveying media	Gas, Dust
Temperature range	-40 °C – 125 °C
Short-term peak	125 °C
Cut to length	Yes
Manufacturer SKU	3700000

Standards and compliance

nf-p-92-503-m1, REACH, RoHS

Dimensions and ordering

The hose is supplied in 14 standard sizes from inner Ø 50.5 mm to 254.0 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]	Roll [m]	Article no.
50.5	58.5	0.25	0.905	0.335	34	15	0.25	-	37000510000
64.5	70.5	0.25	0.7	0.265	38	15	0.35	-	37000650000
75.6	81.6	0.25	0.68	0.23	41	20	0.774	-	37000760000
80	86	0.25	0.57	0.215	43	20	0.43	-	37000800000
90	96	0.25	0.505	0.19	48	20	0.49	-	37000900000
101.5	109.5	0.25	0.455	0.14	54	20	0.6	15	37001020000
110	118	0.25	0.415	0.12	33	20	0.65	-	37001100000
126.5	134.5	0.25	0.365	0.105	67	20	0.75	-	37001270000
140	148	0.25	0.325	0.095	73	20	0.82	-	37001400000
151.5	159.5	0.25	0.305	0.085	79	20	0.89	15	37001520000
165	173	0.25	0.275	0.08	88	20	0.96	15	37001650000
180	188	0.25	0.255	0.075	93	20	1.05	-	37001800000
202.3	210.3	0.25	0.23	0.055	105	20	1.75	-	37002030000
254	262	0.25	0.18	0.045	131	15	1.46	-	37002540000

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.