

## FIREPROOF ANTISTATIC PUR HOSE - PUR\_AS 0.7

HOSES › Flexible polyurethane hoses for dust and shavings extraction

Hose for abrasive powder, bulk material, granules, and gases, printing machines, and air supply. Cooling air: UV dryers, IR/infrared dryers.

Extraction system, dust collection system, filtration system, oil mist extraction.

Chemical industry: chemical vapors, vapor recovery pipe to loading arm, paint fumes, paint mist extraction potentially explosive area.

### Execution:

Polyurethane wall thickness of approximately 0.70 mm highly abrasion resistant, microbe resistant, good resistance to chemicals, industrial oils and hydrocarbons excellent cold flexibility.

Reinforcing steel spiral.



[Mastertubi.it/q?1305](https://www.mastertubi.it/q?1305)

### Permanently antistatic wall

- according to ISO 8031 surface resistance  $<10^9 \Omega$  (according to TRGS 727  $<2.5 \cdot 10^8 \Omega \cdot m$  and NFPA 652  $10^8-10^9 \Omega$ )
- according to ATEX 2014/34/EU (1999/92/EC) and German TRGS 727 for pneumatic transport of flammable dust and bulk materials (Zone 20, 21, 22 indoors)
- Suitable for extracting combustible dust (Zone 22 indoors) according to ATEX 2014/34/EU (1999/92/EC) and German TRGS 727.
- Suitability for the transport of flammable liquids (within zone 0, 1, 2), for the transport of non-flammable liquids, for use in zone 1 and 2 (gas) for use in zone 0 (gas)
- Meets the safety requirements of the German Holz-BG according to DIN 26057 type 2
- Compliant with RoHS REACH regulations
- Temperature range From  $-40^\circ\text{C}$  to  $90^\circ\text{C}$  briefly up to  $125^\circ\text{C}$
- Flammability class: UL94-V2 and DIN 4102-B1

### Production variants:

- Standard 10-meter rolls - 15 or more upon request. Other sizes and lengths available upon request.
- Transparent color (standard). Special colors only available on minimum purchase quantities.

### ATTENTION !

Overpressure and vacuum are recommended operating limit values.

Products can be subjected to higher loads upon request.

The bend radius is measured across the inside of the tube's arc.

We reserve the right to make technical changes.

All values are determined at 20°C and are approximate data.

diameter internal	Pressure at 23°C	Depression at 23°C	Radius of curvature	weight
mm	bar	bar	mm	Kg/m
25	2.44	0.755	23	0.19
30	2.05	0.630	26	0.25
32	1.93	0.590	27	0.27
38	1.63	0.495	31	0.31
40	1.55	0.470	32	0.33
45	1.39	0.420	35	0.37
50	1.25	0.380	38	0.40
55	1.14	0.345	41	0.44
60	1.05	0.315	44	0.48
63	0.97	0.290	47	0.52
70	0.90	0.185	50	0.56
75	0.84	0.175	53	0.59
80	0.79	0.160	56	0.64
90	0.70	0.145	62	0.72
100	0.63	0.135	68	0.80
110	0.57	0.125	74	0.87
115	0.55	0.120	77	0.90
120	0.53	0.115	80	0.95
127	0.51	0.110	83	0.98
130	0.49	0.105	86	1.01
140	0.45	0.095	92	1.09
150	0.42	0.075	98	1.40
160	0.40	0.070	104	1.50
170	0.37	0.065	108	1.58
175	0.36	0.065	113	1.63
180	0.35	0.060	116	1.67
200	0.32	0.055	128	1.86
225	0.28	0.050	143	2.08

250	0.25	0.045	158	2.31
254	0.25	0.045	160	2.35
275	0.23	0.040	173	2.54
280	0.23	0.040	176	2.59
300	0.21	0.035	188	2.77
305	0.21	0.035	191	2.81
315	0.20	0.035	197	2.90
350	0.18	0.030	218	3.22
356	0.18	0.030	222	3.34
400	0.16	0.030	248	4.17
450	0.14	0.025	281	4.69