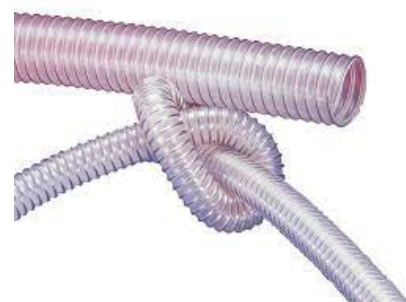


FOOD GRADE ANTISTATIC FIREPROOF COPPER POLYURETHANE HOSE (PUR_AS_I_AL) - 0.7

HOSES › PIPES suitable for ATEX environments

Flexible hose in medium anti-abrasive polyurethane for applications in the food and pharmaceutical industry, resistant to microbes and hydrolysis. Good resistance to chemicals, industrial oils and hydrocarbons. Ideal for pneumatic conveying systems both in pressure and depression of cereals, feed, sugar dosing systems, powdered milk, coffee, tea, flour, frozen foods. Excellent resistance to atmospheric agents, ozone and UV rays. Resistant to microbes, good resistance to chemicals, industrial oils and hydrocarbons excellent cold flexibility.



- Structure in permanent antistatic Polyurethane Ether with a thickness of 0.6mm, odorless and tasteless.
- Transparent color.
- Smooth interior that slides particularly smoothly.
- **Reinforcing stainless steel spiral.**



Mastertubi.it/q?1290

- Permanently antistatic wall ACCORDING TO ISO 8031

- Volume resistance and surface resistance $<10^9 \Omega$ (according to TRGS 727 $<2.5 \times 10^8 \Omega \text{m}$ and NFPA 652 $10^8 - 10^9 \Omega$).
- According to ATEX 2014/34/EU (1999/92/EC) and German TGRS: for pneumatic conveying of loose flammable powders (zone 20,21,22, internal), extraction of combustible dust (zone 22 internal).
- According to ATEX 2014/34/EU (1999/92/EC) and German TGRS 727: 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 zero (gas).
- Meets the safety requirements of the German DIN 26057 type 2
- Production process according to GMP CE 2023/2006.
- Compliant with RoHS regulations.
- Compliant with REACH regulations.
- Maximum continuous operating temperature $-40^\circ +90^\circ\text{C}$ peaks up to 125°C for a few minutes.
- Packs of 10-15 meters subject to availability.

diameter	diameter	Pressure	Depression	Radius of	weight
internal	external	at 23°C	at 23°C	curvature	
mm	mm	bar	bar	mm	Kg/m
25	32	2.44	0.755	23	0.19
30	37	2.05	0.630	26	0.25
32	39	1.93	0.590	27	0.27
35	42	1.77	0.540	29	0.29
38	45	1.63	0.495	31	0.31

40	47	1.55	0.470	32	0.33
45	52	1.39	0.420	35	0.37
50	57	1.25	0.380	38	0.40
55	62	1.14	0.345	41	0.44
60	67	1.05	0.315	44	0.48
63	70	0.97	0.290	47	0.52
70	77	0.90	0.185	50	0.56
75	82	0.84	0.175	53	0.59
80	87	0.79	0.160	56	0.64
90	97	0.70	0.145	62	0.72
100	107	0.635	0.135	68	0.80
110	117	0.575	0.125	74	0.87
115	122	0.550	0.120	77	0.90
120	127	0.530	0.115	80	0.95
127	132	0.510	0.110	83	0.98
130	137	0.490	0.105	86	1.01
140	147	0.455	0.095	92	1.09
150	157	0.425	0.075	98	1.40
160	167	0.400	0.070	104	1.50
170	177	0.375	0.065	108	1.58
175	182	0.365	0.065	113	1.63
180	187	0.355	0.060	116	1.67
200	207	0.320	0.055	128	1.86
225	232	0.285	0.050	143	2.08
250	257	0.255	0.045	158	2.31
254	261	0.250	0.045	160	2.14
275	282	0.230	0.040	173	2.54
280	287	0.230	0.040	176	2.59
300	307	0.215	0.035	188	2.77
305	312	0.210	0.035	191	2.81
350	357	0.185	0.030	218	3.22
356	363	0.180	0.030	222	3.34
400	407	0.160	0.030	248	4.17
450	457	0.140	0.025	281	4.69