

PUR-AS CONDUCTIVE TUBE 0.7

HOSES › PIPES suitable for ATEX environment

Applications

- flexible hose for abrasive powders, loose material, granules and for gas suction.
- Suction of flammable industrial dust.
- potentially explosive area **ATEX**
- Mine, tunnel construction: ventilation, methane gas extraction

Property

- highly abrasion resistant
- good resistance to chemicals, industrial oils and hydrocarbons
- excellent cold flexibility
- Electrically conductive wall: **surface resistance $<10^3$** (acc. to NFPA 652 $<106 \Omega$)
- according to ATEX 2014/34/EU (1999/92/EC) and German TRGS 727 for pneumatic conveying of flammable dust and bulk materials (Zone 20, 21, 22 indoors), extraction of combustible dust (Zone 22 indoors)
- according to ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for the transport of flammable liquids (within zone 0, 1, 2), for the transport of non-flammable liquids in zone 1 and 2 (gases), for use in zone 0 (gases)
- according to DIN 26057 type 2
- RoHS compliant
- REACH according to -> Technical information / technical / REACH



Mastertubi.it/q?1552

Temperature range : -40°C to 90°C

Construction

- Pipe reinforced by harmonic steel cable embedded in the wall
- Wall: Electrically conductive polyurethane ester
- Polyurethane wall thickness about 0.7mm

Delivery variants

- Additional sizes and lengths available upon request
- black (standard)
- Customized. Product marking
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STANDARD PACKAGE 10 meters

DIAMETER INTERNAL	DIAMETER EXTERNAL	PRESSURE MAXIMUM	DEPRESSION MAXIMUM	RADIUS OF CURVATURE	WEIGHT
mm	mm	bar	bar	mm	kg/m
25	32	4.06	1	23	0.20
30	38	3.22	1	26	0.26
32	40	3.03	1	27	0.28
38	46	2.56	1	31	0.32

40	48	2.44	1	32	0.34
44/45	53	2.18	1	35	0.38
50/51	58	1.96	1	38	0.41
60	68	1.64	0.84	44	0.49
63/65	73	1.52	0.71	47	0.53
70	79	1.41	0.84	50	0.57
75/76	84	1.32	0.73	53	0.61
80	89	1.24	0.64	56	0.65
89/90	99	1.10	0.51	62	0.73
100/102	109	1.00	0.41	68	0.79
110	119	0.91	0.34	74	0.87
120	129	0.83	0.28	80	0.94
125/127	134	0.80	0.26	83	0.98
140	149	0.71	0.21	92	1.09
150/152	159	0.67	0.37	98	1.33
160	169	0.63	0.32	104	1.41
178/180	189	0.56	0.24	116	1.59
200/203	209	0.50	0.19	128	1.76
250	259	0.40	0.11	158	2.43