

HEAVY ANTISTATIC POLYURETHANE HOSE - FIREPROOF (PUP-P) 1.5

HOSES › PIPES suitable for ATEX environments

TRANSPARENT POLYURETHANE HOSE HEAVY DUTY SERIES (1.5mm thick) - PERMANENT ANTISTATIC - FIREPROOF CLASS UL94-V2 2014/34/EU (1999/92/CE) TRGS 727.

Permanent electrically conductive component material, suitable for use in

ATEX zones



Application:

Flexible hose for high-throughput conveying of abrasive powder, bulk material, granules and gases. Plastics industry, granule and powder conveying: pneumatic granule conveying, suction, dosing systems, filling and emptying of big bags, shredders, mills, extruders, injection molding machines, drilling machines, powdering, pulverizing: e.g. printing industry. Offset printing press: air supply, air supply cabinet.

Industrial vacuum cleaners, potentially explosive area vacuum cleaners.

Agriculture, seed and fertilizer promotion: seed drills, pneumatic grain conveyors. Construction industry: road milling machines. Pipes for transporting raw materials for dust, granules, sand, quartz, gravel, chips, and shavings.

Compressors, vacuum pumps, pressure pumps, pumps. Paper mills, paper industry, packaging machines. Edge suction. Surface treatment: recycling with shot blasting, sandblasting. Shipyards. Municipal sweepers. Lawnmowers, mowers, vacuum cleaners, leaf collectors. Vacuum lifting devices. Vacuum supply lines. Silos, silo vehicles, silo emptying tankers. Extraction of wood pellets, plastic granules, and plastic dust.

Property:

heavy-duty construction highly abrasion-resistant pressure and vacuum resistance microbe-resistant good resistance to chemicals, industrial oils and hydrocarbons excellent cold flexibility.

Non-flammability class: UL94-V2 and DIN 4102-B1.

Permanently antistatic wall: according to ISO 8031.

Surface electrical resistance less than $<10^9 \Omega$ according to TRGS 727 $<2.5 \cdot 10^8 \Omega$ per meter and NFPA 652 108-10⁹ Ω according to ATEX 2014/34/EU (1999/92/EC) and German TRGS 727.

Pneumatic transport of flammable powders and bulk materials (Zone 20, 21, 22 indoors),

Suction 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 (inside Zone 0, 1, 2).

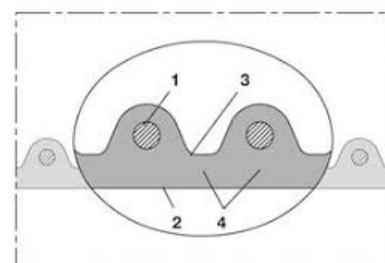
Suitable for the transport of non-flammable liquids, for use in zones 1 and 2 (gas), for use in zone 0 (gas).

Meets the safety requirements of the German Holz-BG according to DIN 26057 type 3.

RoHS REACH compliant based on technical information.

Temperature range from -40°C to 90°C briefly up to 125°C

Wall thickness approx. - 1.5 mm - Standard packs 10 meters, others on request.



Mastertubi.it/q?1286

TO TAKE INTO CONSIDERATION DURING ASSEMBLY:

This tube has a direction of operation identified by arrows marked on the tube along its entire length, specifying the directional direction of the flow.

OR internal mm	OR external mm	Overpressure DIN 26057 bar	Empty DIN 26057 bar	Empty with externity bound bar	Radius of curvature mm	Weight Kg/m
13	20	5,000	1	1	14	0.14
16	23	4,900	1	1	15	0.16
20	27	4,720	1	1	17	0.23
22	29	4,330	1	1	18	0.25
25	32	3.855	1	1	20	0.28
30	40	4,000	1	1	25	0.42
32	42	3,770	1	1	26	0.44
35	45	3,470	1	1	28	0.48
38	48	3.215	1,000	1	29	0.52
40	50	3.065	1,000	1	30	0.54
42	52	2.905	0.910	1	31	0.56
45	55	2,745	0.915	1	33	0.61
50	60	2,485	0.825	1	35	0.66
55	65	2,270	0.750	1	38	0.72
60	70	2,090	0.685	1	40	0.78
63	75	1.935	0.635	1	43	0.84
70	81	1,800	0.540	1	62	0.98
75	86	1,685	0.505	1	66	1.05
80	91	1,585	0.475	1	69	1.11
90	101	1.415	0.420	0.88	76	1.25
100	111	1,275	0.390	0.93	83	1.49
110	121	1.160	0.355	0.77	90	1.63
115	126	1.115	0.340	0.71	94	1.68
120	131	1,070	0.325	0.65	97	1.77
125	136	1.025	0.315	0.60	101	1.84
130	141	0.985	0.300	0.56	104	1.91
140	151	0.920	0.280	0.48	111	2.03
150	161	0.860	0.270	0.53	118	2.41
160	171	0.805	0.255	0.47	125	2.56
170	181	0.760	0.240	0.41	132	2.72

175	186	0.735	0.230	0.39	136	2.79
180	191	0.715	0.225	0.37	139	2.87
200	213	0.645	0.150	0.36	156	3.12
225	238	0.575	0.130	0.28	174	3.50
250	263	0.520	0.120	0.22	191	3.88
254	267	0.510	0.115	0.21	194	3.95
275	288	0.470	0.110	0.18	209	4.26
280	293	0.465	0.105	0.17	212	4.33
300	313	0.435	0.090	0.20	226	5.16
315	328	0.410	0.085	0.17	237	5.41
325	338	0.400	0.085	0.16	244	5.58
350	363	0.370	0.075	0.13	261	6.00
400	413	0.325	0.070	0.12	296	8.02
450	463	0.290	0.065	0.10	331	9.00
500	514	0.260	0.055	0.07	367	10.00