

## PUP EC

HOSES › PIPES suitable for ATEX environments

BLACK ELECTROCONDUCTIVE POLYURETHANE TUBE HEAVY DUTY 1.4 mm thick

- flexible hose for high productivity of abrasive powder, bulk material, granules and gases
- Industrial vacuum cleaner, vacuum cleaner
- Mine, mine, tunnel construction: ventilation, methane gas extraction
- Pipe for transporting raw materials for powder, granules, sand, quartz, gravel, chips and shavings

### Property

- Heavy duty execution
- increased resistance to pressure and vacuum
- highly abrasion resistant
- excellent cold flexibility
- good resistance to chemicals, industrial oils and hydrocarbons
- Electrically conductive wall: volume resistance and surface resistance  $<10^9$  (acc. NFPA 652  $<10^6$  Ω)
- according to ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic conveying of flammable dust 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 (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).
- according to DIN 26057 type 3
- RoHS compliant
- REACH based on -> Technical information / technical / REACH

Temperature range: -40°C to 90°C

### Construction

1. armed with harmonic steel wire embedded in the wall
2. Wall: Electrically conductive polyurethane ester.
3. Wall thickness approx. 1.4 - 1.5 mm

Packed in 10m rolls



[Mastertubi.it/q?1599](http://Mastertubi.it/q?1599)

DIAMETER  
INTERNAL

DIAMETER  
EXTERNAL

PRESSURE  
MAXIMUM

DEPRESSION  
MAXIMUM

RADIUS OF  
CURVATURE

WEIGHT

mm	mm	bar	bar	mm	kg/m
25	32	2,930	1.00	20	0.28
30	40	2,470	1.00	25	0.47
32	42	2,325	0.95	26	0.47
38	48	1,975	0.91	29	0.55
40	50	1,880	0.90	30	0.57
50/51	60	1,515	0.78	35	0.71
60	70	1,270	0.65	40	0.83
63/65	75	1,175	0.60	43	0.89
70	81	1,515	0.51	62	1.01
75/76	86	1,420	0.48	66	1.07
80	91	1,335	0.45	69	1.14
100/102	111	1,075	0.37	83	1.41
110	121	0.980	0.32	90	1.54
114	126	0.935	0.32	94	1.61
125/127	136	0.865	0.29	101	1.74
200	212	0.505	0.14	155	2.85
300	313	0.340	0.08	226	4.32

Overpressure and underpressure are recommended operating limits, products can be subjected to higher loads on request. The bending radius is measured through the inside of the tube arc. We reserve the right to make technical changes. All values are determined at 20°C and are approximate data.