

PUR AS BLACK PERMANENT ANTISTATIC TUBE

HOSES › Specific flexible hoses for engine test rooms

PUR AS BLACK PERMANENT ANTISTATIC TUBE - 0.7

- flexible hose for abrasive powder, bulk material, granules and gas
- Cooling air: UV dryer, IR/infrared dryer
- Extraction system, dust collection system, filtration system, oil mist extraction
- potentially explosive area
- Textile industry, fiber extraction: spinning machine, knitting machine, weaving machine
- Clean room ventilation, semiconductor manufacturing machine
- Surface treatment: sandblasting and metal grit recovery, for example in sandblasting booths, shipbuilding, paint stripping systems, industrial floor surface treatment systems
- Heating pipe: outer pipe as protective pipe

Property

- Medium heavy execution
- highly abrasion resistant
- good resistance to chemicals, industrial oils and hydrocarbons
- excellent cold flexibility
- Permanently antistatic wall: according to ISO 8031 volume resistance and surface resistance $<10^9 \Omega$ (according to TRGS 727 $<2.5 \cdot 10^8 \Omega \cdot m$ and NFPA 652 108-10⁹ Ω)
- according to ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic conveying of flammable dusts and bulk materials (Zone 20, 21, 22 indoors), extraction of combustible dusts (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 (gases), for use in zone 0 (gases)
- according to DIN 26057 type 2
- RoHS compliant
- REACH based on -> Technical information / technical / REACH

Temperature range

- From -40°C to 90°C
- briefly up to 125°C

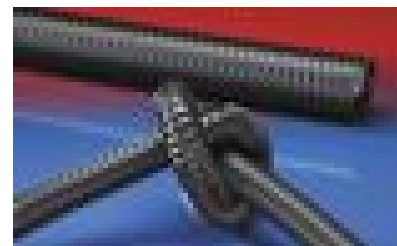
Construction

1. reinforced with harmonic steel wire embedded in the wall
2. Wall: Permanent antistatic polyurethane
3. Wall thickness about 0.7 mm

Delivery variants

- Additional sizes and lengths available upon request
- black (standard)
- Special colors: fully colored
- Customized. Product marking

ROLL PACKAGING : 10 meters



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DIAMETER

DIAMETER

PRESSURE

DEPRESSION

RADIUS OF

INTERNAL	EXTERNAL	MAXIMUM	DIN 26057	CURVATURE	WEIGHT
mm	mm	bar	bar	mm	Kg/m
40	47	1,556	0.470	32	0.33
50	57	1,250	0.380	38	0.40
60	67	1,050	0.315	44	0.48
70	77	0.900	0.185	50	0.56
76	82	0.840	0.175	53	0.59
80	87	0.790	0.160	56	0.64
102	107	0.635	0.135	68	0.80
120	127	0.530	0.115	80	0.95
127	132	0.510	0.110	83	0.98
140	147	0.455	0.095	92	1.09
152	157	0.425	0.075	98	1.40
160	167	0.400	0.070	104	1.50
203	207	0.320	0.055	128	1.86
250	257	0.255	0.045	158	2.31

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