



Antistatic PVC hose, heavy, smooth interior and exterior, vacuum-proof

Application

- hose/ ducting for liquids and for powder, bulk material, granulate and for gases
- vacuum conveying equipment, vacuum hopper, suction conveyor, dosing system
- plastic industry, conveying of granulates and powders: granulate conveying equipment, vacuum hopper/ conveyor, suction conveyor, dosing system, bulk-bag (big bag)-charging and discharging, shredder, mill, extruder, injection moulding machine
- airport, airplane, rail vehicle, train, railway, boat, ship/ vessel, yacht: toilet discharging/ disposal
- powder spraying, powder coating: e.g. printing industry
- explosion hazard area
- construction industry: lowering groundwater
- caravan/ trailer, mobile home/ camper/ RV, boat, ship/ vessel, yachts: sanitary installation, water supply
- compressor, side channel blower, vacuum pump, pressure pump, pump
- paper mill, paper and pulp industry: waste water, air extraction
- industrial washing machine: washing water hose

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- vacuum lifting equipment, vacuum handling system
- silo and tankers: conveying of wood pellets, plastic granulate, plastic powder
- silos and tankers: silo charging, silo discharging

Properties

- heavy duty
- very high pressure, vacuum and compression resistance
- good resistance to alkalis and acids
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to NFPA 652 10^8 - $10^9 \Omega$)
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- short time to 80 °C

Design

- BARDUC® design
- spring steel wire spiral embedded in wall
- smooth interior and exterior
- wall: high grade soft PVC
- wall thickness 3 to 8 mm approx., depending on diameter

Delivery variants

- further diameters and lengths available on request
- special colours: full coloured
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 10	15.50	7,000	0,850	25.00	0.16	60	381-0010-1002
- / 12	17.50	6,000	0,850	30.00	0.16	60	381-0012-1002
- / 14	19.50	6,000	0,850	33.00	0.21	60	381-0014-1002
5/8 / 16	21.50	6,000	0,850	37.00	0.23	60	381-0016-1002
- / 18	24.00	5,000	0,850	39.00	0.28	60	381-0018-1002
- / 20	26.00	5,000	0,850	45.00	0.31	60	381-0020-1002
1 / 25	32.00	5,000	0,850	73.00	0.47	60	381-0025-1002
- / 30	38.00	4,000	0,850	75.00	0.63	60	381-0030-1002
1,25 / 32	40.00	4,000	0,850	79.00	0.67	60	381-0032-1002
1,36 / 35	43.00	4,000	0,850	83.00	0.72	60	381-0035-1002
1,5 / 38	46.00	4,000	0,850	91.00	0.76	30	381-0038-1002
- / 40	49.00	4,000	0,850	100.00	0.89	30	381-0040-1002
1,75 / 44-45	54.00	4,000	0,800	118.00	0.99	30	381-0045-1002
2 / 50-51	59.00	4,000	0,800	135.00	1.14	30	381-0050-1002
2,36 / 60	70.00	3,600	0,800	170.00	1.54	30	381-0060-1002



I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
3 / 75-76	88.00	3,600	0,700	262.00	2.28	30	381-0076-1002

Accessories



CONNECT STORZ DIN ALU 251



CLAMP 211