

Antistatic polyurethane hose, heavy, microbe-resistant, flame-resistant, external protective profile

Application

- flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases
- 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
- printed circuit board drilling machine (PCB)
- powder spraying, powder coating: e.g. printing industry
- offset printing machine: air supply, air supply cabinet
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- agricultural industry, conveying of seed and fertilizers: seeding machine, seed drill, drilling machine
- agricultural industry: pneumatic grain conveyer
- construction industry, road milling machine
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- compressor, side channel blower, vacuum pump, pressure pump, pump
- paper mill, paper and pulp industry, packaging machine: edge strip suctioning system/ edge trim exhaust systems
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine
- municipal vehicle: sweeper, sweeping machine

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- municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector
- vacuum lifting equipment, vacuum handling system

Properties

- external abrasion protection via external helix (protects floors and surfaces, prolongs service life, easy to use)
- heavy duty
- highly abrasion resistant
- increased pressure and vacuum resistance
- microbe resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to TRGS 727 $<2,5 \cdot 10^8 \Omega \cdot m$ and NFPA 652 $10^8 - 10^9 \Omega$)
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- according to DIN 26057 Type 3

- conforms to RoHS guideline

Temperature Range

- 40°C to 90°C
- short time to 125°C

Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- wall thickness 1,4 - 1,5 mm approx.
- abrasion resistant protection profile (wear strip)

Delivery variants

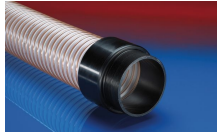
- further lengths available on request
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding

I.D. (in / mm)	outer Ø (mm)	Pressure DIN 26057 (50% Elongation) (bar)	Vacuum DIN 26057 (axially fixed) (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Order No.
1,25 / 32	42.00	3,770 (7,15)	1,000 (1,00)	26.00	0.44	10	355-0032-5550
1,5 / 38	48.00	3,215 (6,07)	1,000 (1,00)	29.00	0.52	10	355-0038-5550
- / 40	50.00	3,065 (5,78)	1,000 (1,00)	30.00	0.54	10	355-0040-5550
2 / 50-51	60.00	2,485 (4,67)	0,825 (1,00)	35.00	0.66	10	355-0050-5550
2,36 / 60	70.00	2,090 (3,91)	0,685 (1,00)	40.00	0.78	10	355-0060-5550
- / 70	81.00	1,800 (3,37)	0,540 (1,00)	62.00	0.98	10	355-0070-5550

Accessories



CONNECT MOULD ASSEMBLY 233



CONNECT 242



CONNECT 246 AS



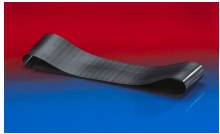
CONNECT 223



CONNECT PRESS ASSEMBLY 232



CONNECT 240 + 241 AS



CONNECT 228



CLAMP 217



CONNECT 270-271



CLAMP 213



CLAMP 212



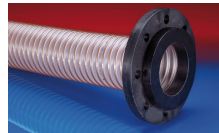
CONNECT THREAD FITTING 234



CLAMP 216



CLAMP 212 EC



CONNECT 244



CONNECT 245



CONNECT 243



CONNECT SAFETY CLAMP ASSEMBLY 231



CONNECT 245 VAC-TRUCK