

Antistatic polyurethane hose, extremely heavy, grounding wire



Application

- hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone
- vacuum truck, suction vehicle, dry suction truck: industrial cleaning, furnace cleaning
- explosion hazard area
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- silos and tankers: silo charging, silo discharging
- silo and tankers: conveying of wood pellets, plastic granulate, plastic powder

Properties

- external abrasion protection via external helix (protects floors and surfaces, prolongs service life, easy to use)
- extremely heavy duty
- extremely abrasion resistant
- very high pressure, vacuum and compression resistance

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- good resistance to chemicals
- very good low temperature flexibility
- grounding wire for discharging of electrostatic charging
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to TRGS 727 $<2,5 \cdot 10^9 \Omega \cdot m$ 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),
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- -20 °C to 70 °C
- short time to 80 °C

Design

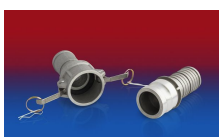
- NORPLAST® full plastic hose
- hard plastic spiral integrated in wall
- spiral: rigid PVC
- smooth interior
- Wall: antistatic polyurethane inside layer 2,0 mm approx., exterior soft PVC
- Hybrid grounding wire (carbon + polyester + copper)

Delivery variants

- further diameters and lengths available on request
- blue inner tube + transparent exterior wall (standard)
- special colours: coloured spiral, 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)	
3 / 75-76	92.00	6,0	0,9	512.00	2.20	13.5 30	387-0076-2878
3,5 / 89-90	107.00	5,5	0,9	595.00	2.60	13.5 30	387-0090-2878
4 / 100-102	120.00	4,0	0,9	799.00	3.30	13.5 30	387-0102-2878
5 / 125-127	147.00	3,0	0,9	1036.50	4.20	13.5 30	387-0127-2878
6 / 150-152	175.00	3,0	0,9	1324.00	6.40	13.5 20	387-0152-2878

Accessories





CONNECT KAMLOK ALU 253 CLAMP 211

CONNECT STORZ DIN ALU
251

CONNECT KARDAN 254