



Antistatic polyurethane hose, super-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
- silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging
- silo, silo vehicle/ silo truck, tanker/ tank truck: conveying of wood pellets, plastic granulate, plastic powder

Properties

- external abrasion protection via external helix (saves floor space, prolong service life, easy to use)
- extremely abrasion resistant
- very high pressure, vacuum and compression resistance

- 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 $<2,5 \cdot 10^8 \Omega \cdot m$ 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),
- 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
- grounding wire

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

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional information at www.norres.com/en/technology/

Accessories



CONNECT STORZ DIN ALU



CONNECT KAMLOK ALU 253



CONNECT KARDAN 254



CLAMP 211

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