

Antistatic polyurethane hose, extremely heavy duty, 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 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  $<2,5 \cdot 10^8 \Omega \cdot m$  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

- $-5^\circ F$  to  $160^\circ F$
- short time to  $175^\circ F$

## 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 liner + transparent exterior wall (standard)
- special colors: colored spiral, full colored
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	
3 / 75-76	3.622	87.024	26.577	20.157	1.478	13.5 30	387-0076-2878
3,5 / 89-90	4.213	79.772	26.577	23.425	1.747	13.5 30	387-0090-2878
4 / 100-102	4.724	58.016	26.577	31.457	2.218	13.5 30	387-0102-2878
5 / 125-127	5.787	43.512	26.577	40.807	2.823	13.5 30	387-0127-2878
6 / 150-152	6.890	43.512	26.577	52.126	4.301	13.5 20	387-0152-2878

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at [www.norres.com/us/technology/](http://www.norres.com/us/technology/). NORRES reserves the right to modify technical data at any time. Technical data based on tests at  $68^\circ F$  and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

## Accessories

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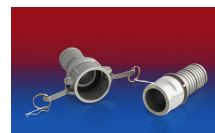
CONNECT STORZ DIN ALU  
251



CLAMP 211



CONNECT KARDAN 254



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