



Antistatic PVC hose, super-heavy, flexible at low temp. (down to -25 °C), grounding wire

Application

- hose/ ducting for liquids and for powder, bulk material, granulate and for gases
- vacuum truck, suction vehicle, dry suction truck: industrial cleaning, furnace cleaning
- explosion hazard area
- silo and tankers: conveying of wood pellets, plastic granulate, plastic powder
- silos and tankers: silo charging, silo discharging

Properties

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

- 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: aspiration of combustible dusts (Zone 22 inside), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in Zone 0 (gases)
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- -25 °C to 60 °C

Design

- NORPLAST® full plastic hose

- outer hard plastic spiral
- abrasion resistant protection profile (wear strip)
- spiral: rigid PVC
- smooth interior
- wall: high grade antistatic and low temperature flexible soft PVC
- grounding wire

Delivery variants

- further diameters and lengths available on request
- grey and blue partially coloured (standard)
- special colours: coloured spiral, full coloured
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
2 / 50-51	61.00	4,000	0,900	144.50	1.02	-	25 50	389-0051-2878
3 / 75-76	87.00	3,000	0,900	222.00	1.72	-	25 50	389-0076-2878

Accessories



CLAMP 211



CONNECT 270-271

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/.