



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

### 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, silo vehicle/ silo truck, tanker/ tank truck: conveying of wood pellets, plastic granulate, plastic powder
- silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging

### Properties

- external abrasion protection via external helix (saves floor space, prolong 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
- 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)	
1 / 25	33.00	6,000	0,900	72.50	0.44	-	25 50	389-0025-2878
- / 30	38.00	6,000	0,900	90.00	0.52	-	25 50	389-0030-2878
1,25 / 32	40.00	6,000	0,900	94.00	0.55	-	25 50	389-0032-2878
1,36 / 35	44.00	5,000	0,900	102.50	0.60	-	25 50	389-0035-2878
1,5 / 38	47.00	5,000	0,900	111.00	0.64	-	25 50	389-0038-2878
- / 40	49.00	5,000	0,900	115.00	0.82	-	25 50	389-0040-2878
2 / 50-51	61.00	4,000	0,900	144.50	1.02	-	25 50	389-0051-2878
2,36 / 60	70.00	4,000	0,900	175.00	1.20	-	25 50	389-0060-2878
2,5 / 63-65	74.00	4,000	0,900	188.50	1.31	-	25 50	389-0063-2878
- / 70	81.00	3,000	0,900	195.00	1.53	-	25 50	389-0070-2878
3 / 75-76	87.00	3,000	0,900	222.00	1.72	<b>25 50</b>	-	389-0076-2878
- / 80	93.00	2,500	0,900	235.00	1.81	-	25 50	389-0080-2878
3,5 / 89-90	103.00	2,500	0,900	270.00	2.02	<b>10 30</b>	-	389-0090-2878
4 / 100-102	116.00	2,500	0,850	294.00	2.75	<b>10 30</b>	-	389-0102-2878
- / 110	124.00	2,000	0,850	325.00	3.01	-	30	389-0110-2878
4,72 / 120	135.00	2,000	0,850	350.00	3.35	-	30	389-0120-2878
5 / 125-127	142.00	2,000	0,850	366.50	3.60	-	10 30	389-0127-2878
6 / 150-152	170.00	2,000	0,800	449.00	4.16	-	10 20	389-0152-2878

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/](http://www.norres.com/en/technology/)

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## Accessories



CLAMP 211



CONNECT 270-271