

Antistatic polyurethane hose, light, microbe resistant, grounding wire

### Applications

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- explosion hazard area
- construction industry: insulation-blowing system
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine

### Properties

- lightweight
- abrasion-resistant
- microbe resistant
- good resistance to chemicals

- phthalate-free
- Grounding wire for discharging of electrostatic charging
- Permanently antistatic wall: according to ISO 8031 electrical and surface resistance  $<10^9 \Omega$  (according to NFPA 652  $10^8$ - $10^9 \Omega$ )
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)
- 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: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- grounding wire

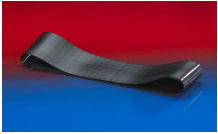
### Delivery variants

- further diameters and lengths available on request
- transparent (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	31.00	1,000	0,250	17.50	0.21	-	10 20	385-0025-2878
1,25 / 32	38.00	0,850	0,200	19.00	0.24	-	10 20	385-0032-2878
1,5 / 38	45.00	0,750	0,200	31.00	0.28	-	10 20	385-0038-2878
- / 40	47.00	0,750	0,200	40.00	0.36	10	20	385-0040-2878
1,75 / 44-45	52.00	0,650	0,200	42.50	0.37	-	10 20	385-0045-2878
2 / 50-51	58.00	0,500	0,200	45.00	0.47	10 20	-	385-0050-2878
2,36 / 60	68.00	0,500	0,160	50.00	0.52	-	10 20	385-0060-2878
2,5 / 63-65	71.00	0,450	0,160	48.50	0.56	-	10 20	385-0063-2878
- / 70	79.00	0,400	0,160	60.00	0.66	-	10 20	385-0070-2878
3 / 75-76	84.00	0,375	0,160	66.00	0.60	-	10 20	385-0075-2878
- / 80	89.00	0,350	0,160	70.00	0.72	-	10 20	385-0080-2878
3,5 / 89-90	100.00	0,300	0,140	80.00	0.95	-	10	385-0090-2878
4 / 100-102	110.00	0,280	0,130	90.00	1.01	-	10 20	385-0100-2878
5 / 125-127	136.00	0,250	0,100	107.50	1.29	-	10	385-0125-2878

## Accessories

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/).



CONNECT 228



CLAMP 211



CONNECT 270-271



CONNECT 223