



Antistatic polyurethane hose, light, microbe resistant

Applications

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- welding mask: breathing air respirator, breathing hose (flexible type, black)
- textile industry, fiber extraction: spinning machine, knitting machine, weaving loom machine
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- 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
- X-ray machine: cable protection conduit (special type on request)
- magnetic resonance scanner, MRI : cable protection conduit, air supply hose (special type on request)
- medical equipment/ medical technology, healthcare sector: cable protection conduit, air supply hose, extraction hose
- municipal vehicle: sweeper, sweeping machine
- municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector

- scrubber, floor cleaning machine

Properties

- lightweight
- abrasion-resistant
- microbe resistant
- good resistance to chemicals
- phthalate-free
- Permanently antistatic wall: in accordance with ISO 8031 electrical and surface resistance approx. $10^9 \Omega$
- 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®)

Delivery variants

- further diameters available on request
- customer-specific branding
- transparent (standard)
- special colours: coloured spiral, full coloured

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)	
Standard Version								
- / 20	26.00	1,000	0,250	15.00	0.15	10 20	-	385-0020-0000
1 / 25	31.00	1,000	0,250	16.00	0.16	20	10	385-0025-0000
- / 30	36.00	0,900	0,250	22.00	0.19	20	10	385-0030-0000
1,25 / 32	38.00	0,850	0,200	19.00	0.20	10 20	-	385-0032-0000
1,36 / 35	41.00	0,800	0,200	35.00	0.21	10 20	-	385-0035-0000
1,5 / 38	45.00	0,750	0,200	31.00	0.30	10 20	-	385-0038-0000
- / 40	47.00	0,750	0,200	25.00	0.25	10 20	-	385-0040-0000
1,75 / 44-45	52.00	0,650	0,200	42.50	0.33	-	10 20	385-0045-0000
2 / 50-51	58.00	0,500	0,200	35.00	0.31	10 20	-	385-0050-0000
2,36 / 60	68.00	0,500	0,160	50.00	0.50	10 20	-	385-0060-0000
2,5 / 63-65	71.00	0,450	0,160	55.00	0.57	20	10	385-0063-0000
- / 70	79.00	0,400	0,160	60.00	0.65	-	10 20	385-0070-0000
3 / 75-76	84.00	0,375	0,160	60.00	0.73	10 20	-	385-0075-0000

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/.

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)	
- / 80	89.00	0,350	0,160	75.00	0.76	20	10	385-0080-0000
3,5 / 89-90	100.00	0,300	0,140	65.00	0.87	-	10 20	385-0090-0000
4 / 100-102	110.00	0,280	0,130	100.00	1.04	10 20	-	385-0100-0000
5 / 125-127	136.00	0,250	0,100	110.00	1.28	-	10 20	385-0125-0000
6 / 150-152	162.00	0,180	0,080	105.00	1.55	20	10	385-0150-0000

Accessories



CLAMP 211



CONNECT 223



CONNECT 270-271



CONNECT 228