

Antistatic polyurethane hose, light weight, 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 (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

- 5°F to 160°F
- short time to 175°F

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

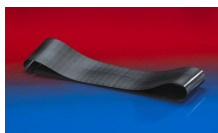
Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colors: colored spiral, full colored
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending radius	Weight	Dimensions in Stock	Production lengths	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
1 / 25	1.220	14.504	7.383	0.689	0.141	-	10 20	4608-025-000
1,25 / 32	1.496	12.328	5.906	0.748	0.161	-	10 20	4608-032-000
1,5 / 38	1.772	10.878	5.906	1.220	0.188	-	10 20	4608-038-000
- / 40	1.850	10.878	5.906	1.575	0.242	-	20	4608-040-000
1,75 / 44-45	2.047	9.428	5.906	1.673	0.249	-	10 20	4608-045-000
2 / 50-51	2.283	7.252	5.906	1.772	0.316	10 20	-	4608-050-000
2,36 / 60	2.677	7.252	4.725	1.969	0.349	-	10 20	4608-060-000
2,5 / 63-65	2.795	6.527	4.725	1.909	0.376	-	10 20	4608-063-000
- / 70	3.110	5.802	4.725	2.362	0.444	-	10 20	4608-070-000
3 / 75-76	3.307	5.439	4.725	2.598	0.403	-	10 20	4608-075-000
- / 80	3.504	5.076	4.725	2.756	0.484	-	10 20	4608-080-000
3,5 / 89-90	3.937	4.351	4.134	3.150	0.638	-	10	4608-090-000
4 / 100-102	4.331	4.061	3.839	3.543	0.679	-	10 20	4608-100-000
5 / 125-127	5.354	3.626	2.953	4.232	0.867	-	10	4608-125-000

Accessories

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/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68°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.



CONNECT 228



CONNECT 223



CLAMP 211



CONNECT 270-271