

Antistatic polyurethane hose, light weight, microbe resistant, grounding wire

Application

- 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

- light weight
- abrasion-resistant
- microbe resistant
- good resistance to chemicals
- phthalate-free

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- 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®)
- Ground wire (copper)

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)	
- / 20	1.024	14.504	7.383	0.591	0.114	-	10 20	385-0020-2878
1 / 25	1.220	14.504	7.383	0.689	0.141	10 20	-	385-0025-2878
- / 30	1.417	13.054	7.383	0.787	0.168	-	10 20	385-0030-2878
1,25 / 32	1.496	12.328	5.906	0.748	0.161	10 20	-	385-0032-2878
1,36 / 35	1.614	11.603	5.906	1.083	0.175	-	10 20	385-0035-2878
1,5 / 38	1.772	10.878	5.906	1.220	0.188	10 20	-	385-0038-2878
- / 40	1.850	10.878	5.906	1.575	0.242	10 20	-	385-0040-2878
1,75 / 44-45	2.047	9.428	5.906	1.673	0.249	10 20	-	385-0045-2878
2 / 50-51	2.283	7.252	5.906	1.772	0.316	10 20	-	385-0050-2878
2,36 / 60	2.677	7.252	4.725	1.969	0.349	10 20	-	385-0060-2878
2,5 / 63-65	2.795	6.527	4.725	1.909	0.376	10 20	-	385-0063-2878
- / 70	3.110	5.802	4.725	2.362	0.444	10 20	-	385-0070-2878
3 / 75-76	3.307	5.439	4.725	2.598	0.403	10 20	-	385-0075-2878
- / 80	3.504	5.076	4.725	2.756	0.484	10 20	-	385-0080-2878
3,5 / 89-90	3.937	4.351	4.134	3.150	0.638	10 20	-	385-0090-2878
4 / 100-102	4.331	4.061	3.839	3.543	0.679	10 20	-	385-0100-2878
- / 110	4.764	3.626	3.544	3.740	0.753	-	20	385-0110-2878
4,72 / 120	5.157	3.626	2.953	3.937	0.820	-	20	385-0120-2878
5 / 125-127	5.354	3.626	2.953	4.232	0.867	10 20	-	385-0125-2878
- / 130	5.551	2.901	2.658	4.134	0.887	-	20	385-0130-2878

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.

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(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
5,5 / 140	5.984	2.901	2.658	4.331	1.095	-	20	385-0140-2878
6 / 150-152	6.378	2.611	2.362	4.921	1.183	10 20	-	385-0150-2878

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Accessories



CONNECT 270-271



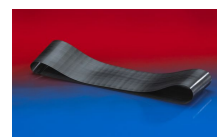
CLAMP 208



CONNECT Mould
ASSEMBLY 233



CONNECT 223



CONNECT 228