

Antistatic polyurethane hose, medium-heavy duty, microbe resistant, flame-resistant

Application

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- printed circuit board drilling machines (PCB)
- offset printing machine: air supply, air supply cabinet
- air supply: UV dryer, IR dryer
- extraction unit, dust collection systems, filter system, oil mist extraction
- chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area
- textile industry, fiber extraction: spinning machine, knitting machine, weaving loom machine
- animal stall, animal shed: barn ventilation
- clean room ventilation, semiconductor production machine
- compressor, side channel blower, vacuum pump, pressure pump, pump
- surface preparation: shot blasting/ sand blasting recovery (blasting chamber), ship yard, stripping machine, flooring preparation machine, grinding machine
- municipal vehicle: sweeper, sweeping machine
- municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector

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- scrubber, floor cleaning machine
- heating hose: exterior hose as protection hose

Properties

- medium-heavy duty
- highly abrasion resistant
- microbe resistant
- good resistance to oil, gasoline, and chemicals
- very good low temperature flexibility
- flame-retardant according to: UL94-V2
- 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: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- according to DIN 26057 Type 2

- REACH according to --> Technology / Technical Information / REACH

Temperature range

- 40 °F to 195 °F
- short time to 255 °F

Design

- AIRDUC® profile hose
- spring steel wire firmly embedded in wall
- wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- wall thickness 0.03 in approx.

Delivery variants

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

I.D.	outer Ø	Pressure DIN 26057 (50% Elongation)	Vacuum DIN 26057 (axially fixed)	Bending radius	Weight	Dimensions in Stock	Order No.	Production lengths
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)		(ft)
1 / 25	1.260	35.462 (79.047)	22.295 (29.530)	0.906	0.128	5 10 15	350-0025-1002	-
- / 30	1.457	29.806 (66.283)	18.604 (29.530)	1.024	0.168	5 10 15	350-0030-1002	-
1,25 / 32	1.535	27.993 (62.222)	17.423 (29.530)	1.063	0.181	5 10 15	350-0032-1002	-
1,5 / 38	1.772	23.714 (52.795)	14.617 (29.530)	1.220	0.208	5 10 15	350-0038-1002	-
- / 40	1.850	22.554 (50.184)	13.879 (29.530)	1.260	0.222	5 10 15	350-0040-1002	-
1,75 / 44-45	2.047	20.161 (44.672)	12.403 (29.530)	1.378	0.249	5 10 15	350-0045-1002	-
2 / 50-51	2.244	18.130 (40.321)	11.221 (29.530)	1.496	0.269	5 10 15	350-0050-1002	-
- / 55	2.441	16.535 (36.695)	10.188 (29.235)	1.614	0.296	5 10 15	350-0055-1002	-
2,36 / 60	2.638	15.229 (33.794)	9.302 (24.510)	1.732	0.323	5 10 15	350-0060-1002	-
2,5 / 63-65	2.756	14.069 (31.184)	8.564 (20.966)	1.850	0.349	5 10 15	350-0065-1002	-
- / 70	3.031	13.054 (29.008)	5.463 (24.510)	1.969	0.376	5 10 15	350-0070-1002	-

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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3 / 75-76	3.228	12.183 (27.122)	5.168 (21.262)	2.087	0.397	5 10 15	350-0075-1002	-
- / 80	3.425	11.458 (25.382)	4.725 (18.899)	2.205	0.430	5 10 15	350-0080-1002	-
3,5 / 89-90	3.819	10.225 (22.626)	4.282 (15.060)	2.441	0.484	5 10 15	350-0090-1002	-
4 / 100-102	4.213	9.210 (20.451)	3.987 (19.490)	2.677	0.538	5 10 15	350-0100-1002	-
- / 110	4.606	8.340 (18.565)	3.691 (16.242)	2.913	0.585	5 10 15	350-0110-1002	-
4,5 / 114-115	4.803	7.977 (17.695)	3.544 (14.765)	3.031	0.605	5 10 15	350-0115-1002	-
4,72 / 120	5.000	7.687 (16.970)	3.396 (13.584)	3.150	0.638	5 10 15	350-0120-1002	-
5 / 125-127	5.197	7.397 (16.390)	3.248 (12.403)	3.268	0.659	5 10 15	350-0125-1002	-
- / 130	5.394	7.107 (15.664)	3.101 (11.517)	3.386	0.679	5 10 15	350-0130-1002	-
5,5 / 140	5.787	6.599 (14.649)	2.805 (9.745)	3.622	0.733	5 10 15	350-0140-1002	-
6 / 150-152	6.181	6.164 (13.634)	2.215 (10.631)	3.858	0.941	5 10 15	350-0150-1002	-
6,3 / 160	6.575	5.802 (12.764)	2.067 (9.154)	4.094	1.008	5 10 15	350-0160-1002	-
- / 170	6.969	5.439 (12.038)	1.919 (8.268)	4.252	1.062	5 10 15	350-0170-1002	-
- / 175	7.165	5.294 (11.748)	1.919 (7.678)	4.449	1.095	5 10 15	350-0175-1002	-
7 / 178-180	7.362	5.149 (11.313)	1.772 (7.087)	4.567	1.122	5 10 15	350-0180-1002	-
8 / 200-203	8.150	4.641 (10.298)	1.624 (5.611)	5.039	1.250	5 10	350-0200-1002	-
- / 225	9.134	4.134 (9.138)	1.477 (4.430)	5.630	1.398	5 10	350-0225-1002	-
- / 250	10.118	3.699 (8.267)	1.329 (3.544)	6.220	1.552	5 10	350-0250-1002	-
10 / 254	10.276	3.626 (8.122)	1.329 (3.248)	6.299	1.579	5 10	350-0254-1002	-
- / 275	11.102	3.336 (7.397)	1.181 (2.658)	6.811	1.707	5 10	350-0275-1002	-
11 / 280	11.299	3.336 (7.397)	1.181 (2.658)	6.929	1.741	5 10	350-0280-1002	-
- / 300	12.087	3.118 (6.817)	1.034 (2.362)	7.402	1.862	5 10	350-0300-1002	-
12 / 305	12.283	3.046 (6.672)	1.034 (2.067)	7.520	1.888	5 10	350-0305-1002	-
- / 315	12.677	2.973 (6.527)	1.034 (2.067)	7.756	1.949	5 10	350-0315-1002	-
- / 350	14.055	2.683 (5.802)	0.886 (1.477)	8.583	2.164	5 10	350-0350-1002	-
14 / 356	14.291	2.611 (5.802)	0.886 (1.772)	8.740	2.245	5 10	350-0356-1002	-
- / 400	16.024	2.321 (5.076)	0.886 (1.477)	9.764	2.802	5 10	350-0400-1002	-
- / 450	17.992	2.031 (4.641)	0.738 (1.181)	11.063	3.152	5 10	350-0450-1002	-
- / 500	19.961	1.886 (4.061)	0.738 (0.886)	12.323	3.495	5 10	350-0500-1002	-

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Accessories



CONNECT 223



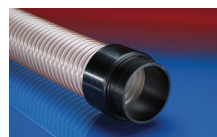
CONNECT 228



CLAMP 217



CONNECT 246 AS



CONNECT 242



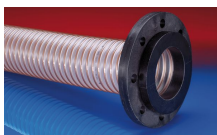
CLAMP 213



CONNECT 240 EC



CONNECT DAIRY
FITTING 247



CONNECT 244



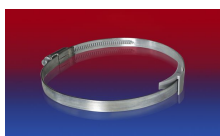
CLAMP 212



CONNECT 243



CONNECT MOULD
ASSEMBLY 233



CLAMP 210 BRIDGE
CLAMP



CONNECT 240 + 241
AS



CONNECT 270-271



CONNECT THREAD
FITTING 234



CONNECT TRI-
CLAMP FITTING 245



CONNECT 245



CONNECT ASEPTIC
FITTING 249