

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

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

- 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
- conforms to RoHS guideline

- 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	-
3 / 75-76	3.228	12.183 (27.122)	5.168 (21.262)	2.087	0.397	5 10 15	350-0075-1002	-

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 68 °F and are approx. data. Additional information at www.norres.com/us/technology/



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- / 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



CLAMP 212



CONNECT DAIRY FITTING 247



CONNECT 240 EC



CLAMP 217



CLAMP 210 BRIDGE CLAMP



CONNECT 243



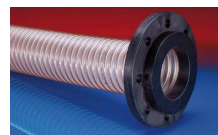
CONNECT MOULD ASSEMBLY 233



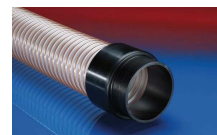
CONNECT ASEPTIC FITTING 249



CONNECT 228



CONNECT 244



CONNECT 242



CONNECT TRI-CLAMP FITTING 245



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CONNECT 246

CONNECT 245

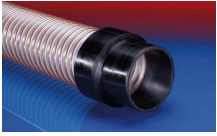
CONNECT 270-271

CLAMP 213

CONNECT THREAD

CONNECT 223

FITTING 234



CONNECT 240 + 241
AS

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