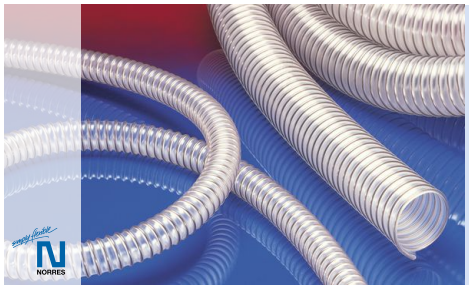
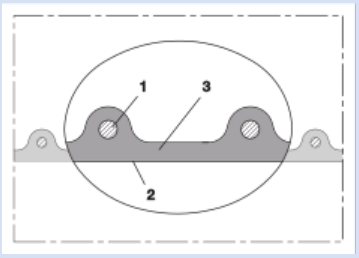
AIRDUC® PUR 355 AS (HD)





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

Applications
- flexible hose/ ducting for high volume of abrasive powder, bulk material, granulate and for gases
- plastic industry, conveying of granulates and powders: granulate conveying equipment, vacuum hopper/ conveyor, suction conveyor, dosing system, bulk-bag (big bag)-charging and discharging, shredder, mill, extruder, injection moulding machine
- printed circuit board drilling machines (PCB)
- powder spraying, powder coating: e.g. printing industry
- offset printing machine: air supply, air supply cabinet
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- agricultural industry, conveying of seed and fertilizers: seeding machine, seed drill, drilling machine
- agricultural industry: pneumatic grain conveyer
- construction industry, road milling machine
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- compressor, side channel blower, vacuum pump, pressure pump, pump
- paper mill, paper and pulp industry, packaging machine: edge strip suctioning system/ edge trim exhaust systems
- 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
- vacuum lifting equipment, vacuum handling system
- silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging
- silo, silo vehicle/ silo truck, tanker/ tank truck: conveying of wood pellets, plastic granulate, plastic powder

Properties
- heavy duty
- highly abrasion resistant
- increased pressure and vacuum resistance
- 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 Ω (according to TRGS 727 <2,5*10^8 Ω*m and NFPA 652 10^8-10^9 Ω)
- 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 3
- 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 0.055 to 0.06 in approx.

Delivery variants
- further diameters and lengths available on request
- transparent (standard)
- special colors: partially colored, completely colored
- customer-specific branding

I.D. (in / mm)	outer Ø (in)	Pressure DIN 26057 (50% Elongation) (psi)	Vacuum DIN 26057 (axially fixed) (inHG)	Bending radius (in)	Weight (lb/ft)	Dimensions in Stock (ft)	Production lengths (ft)	Order No.
			standard					
- / 13	0.787	72.520 (163.895)	29.530 (29.530)	0.551	0.094	-	25 50	355-0013-0000
5/8 / 16	0.906	71.070 (135.612)	29.530 (29.530)	0.591	0.108	-	25 50	355-0016-0000
- / 18	0.984	63.890 (121.544)	29.530 (29.530)	0.630	0.114	-	25 50	355-0018-0000
- / 20	1.063	68.459 (130.536)	29.530 (29.530)	0.669	0.155	-	25 50	355-0020-0000
- / 22	1.142	62.802 (119.513)	29.530 (29.530)	0.709	0.168	-	25 50	355-0022-0000

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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AIRDUC® PUR 355 AS (HD)

I.D.	outer Ø	Pressure DIN 26057 (50% Elongation)	Vacuum DIN 26057 (axially fixed)	Bending radius	Weight	Dimensions in Stock	Production lengths	Order No.
(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
1 / 25	1.260	55.913 (106.024)	29.530 (29.530)	0.787	0.188	**25 50**	-	355-0025-0000
- / 30	1.575	58.016 (110.085)	29.530 (29.530)	0.984	0.282	**-**	25 50	355-0030-0000
1,25 / 32	1.654	54.680 (103.704)	29.530 (29.530)	1.024	0.296	**25 50**	-	355-0032-0000
1,36 / 35	1.772	50.329 (95.146)	29.530 (29.530)	1.102	0.323	**-**	25 50	355-0035-0000
1,5 / 38	1.890	46.630 (88.039)	29.530 (29.530)	1.142	0.349	**25 50**	-	355-0038-0000
- / 40	1.969	44.455 (83.833)	29.530 (29.530)	1.181	0.363	**25 50**	-	355-0040-0000
- / 42	2.047	42.134 (80.207)	26.872 (29.530)	1.220	0.376	**-**	25 50	355-0042-0000
1,75 / 44-45	2.165	39.813 (74.841)	27.020 (29.530)	1.299	0.410	**-**	25 50	355-0045-0000
2 / 50-51	2.362	36.042 (67.734)	24.362 (29.530)	1.378	0.444	**25 50**	-	355-0050-0000
- / 55	2.559	32.924 (61.787)	22.148 (29.530)	1.496	0.484	**-**	25 50	355-0055-0000
2,36 / 60	2.756	30.313 (56.711)	20.228 (29.530)	1.575	0.524	**25 50**	-	355-0060-0000
2,5 / 63-65	2.953	28.065 (52.504)	18.752 (29.530)	1.693	0.565	**25 50**	-	355-0065-0000
- / 70	3.189	26.107 (48.878)	15.946 (29.530)	2.441	0.659	**25 50**	-	355-0070-0000
3 / 75-76	3.386	24.439 (45.688)	14.913 (29.530)	2.598	0.706	**25 50**	-	355-0075-0000
- / 80	3.583	22.989 (42.932)	14.027 (29.530)	2.717	0.746	**-**	25 50	355-0080-0000
3,5 / 89-90	3.976	20.523 (38.146)	12.403 (25.986)	2.992	0.840	**25 50**	-	355-0090-0000
4 / 100-102	4.370	18.493 (34.520)	11.517 (27.463)	3.268	1.001	**25 50**	-	355-0100-0000
- / 110	4.764	16.825 (31.329)	10.483 (22.738)	3.543	1.095	**-**	25 50	355-0110-0000
4,5 / 114-115	4.961	16.172 (30.023)	10.040 (20.966)	3.701	1.129	**25 50**	-	355-0115-0000
4,72 / 120	5.157	15.519 (28.863)	9.597 (19.195)	3.819	1.190	**-**	25 50	355-0120-0000
5 / 125-127	5.354	14.867 (27.703)	9.302 (17.718)	3.976	1.237	**25 50**	-	355-0125-0000
- / 130	5.551	14.286 (26.687)	8.859 (16.537)	4.094	1.284	**-**	25 50	355-0130-0000
5,5 / 140	5.945	13.344 (24.802)	8.268 (14.174)	4.370	1.364	**25 50**	-	355-0140-0000
6 / 150-152	6.339	12.473 (23.061)	7.973 (15.651)	4.646	1.620	**25 50**	-	355-0150-0000
6,3 / 160	6.732	11.676 (21.756)	7.530 (13.879)	4.921	1.720	**-**	25 50	355-0160-0000
- / 170	7.126	11.023 (20.451)	7.087 (12.107)	5.197	1.828	**-**	25 50	355-0170-0000
- / 175	7.323	10.660 (19.870)	6.792 (11.517)	5.354	1.875	**-**	25 50	355-0175-0000
7 / 178-180	7.520	10.370 (19.290)	6.644 (10.926)	5.472	1.929	**25 50**	-	355-0180-0000
8 / 200-203	8.386	9.355 (17.405)	4.430 (10.631)	6.142	2.097	**25 50**	-	355-0200-0000
- / 225	9.370	8.340 (15.519)	3.839 (8.268)	6.850	2.352	**-**	25	355-0225-0000
- / 250	10.354	7.542 (13.924)	3.544 (6.497)	7.520	2.608	**-**	25	355-0250-0000
10 / 254	10.512	7.397 (13.779)	3.396 (6.201)	7.638	2.655	**25**	-	355-0254-0000
- / 275	11.339	6.817 (12.618)	3.248 (5.315)	8.228	2.863	**-**	25	355-0275-0000
11 / 280	11.535	6.744 (12.473)	3.101 (5.020)	8.346	2.910	**25**	-	355-0280-0000
- / 300	12.323	6.309 (11.603)	2.658 (5.906)	8.898	3.468	**-**	25	355-0300-0000
12 / 305	12.520	6.164 (11.458)	2.658 (5.611)	9.055	3.528	**25**	-	355-0305-0000
- / 315	12.913	5.947 (11.023)	2.510 (5.020)	9.331	3.636	**-**	25	355-0315-0000
- / 325	13.307	5.802 (10.733)	2.510 (4.725)	9.606	3.750	**-**	25	355-0325-0000
13 / 330	13.504	5.729 (10.588)	2.362 (4.430)	9.724	3.810	**-**	25	355-0330-0000
- / 350	14.291	5.366 (10.008)	2.215 (3.839)	10.276	4.032	**-**	25	355-0350-0000
- / 400	16.260	4.714 (8.702)	2.067 (3.544)	11.654	5.390	**-**	25	355-0400-0000
- / 500	20.236	3.771 (6.962)	1.624 (2.067)	14.449	6.720	**-**	25	355-0500-0000
neutral imprint: <ID> antistatic + microbe resistant <neutral batch no.> / no cutting								
1 / 25	1.260	55.913 (106.024)	29.530 (29.530)	0.787	0.188	**10**	-	355-0025-0007
1,25 / 32	1.654	54.680 (103.704)	29.530 (29.530)	1.024	0.296	**-**	25 50	355-0032-0007
1,5 / 38	1.890	46.630 (88.039)	26.902 (29.530)	1.142	0.349	**-**	25 50	355-0038-0007
- / 40	1.969	44.455 (83.833)	25.573 (29.530)	1.181	0.363	**-**	25 50	355-0040-0007
1,75 / 44-45	2.165	39.813 (74.841)	22.738 (29.530)	1.299	0.403	**-**	25 50	355-0045-0007
2 / 50-51	2.362	36.042 (67.734)	20.464 (29.530)	1.378	0.444	**-**	25 50	355-0050-0007
2,36 / 60	2.756	30.313 (56.711)	17.039 (29.530)	1.575	0.524	**-**	25 50	355-0060-0007
2,5 / 63-65	2.953	28.065 (52.504)	15.739 (29.530)	1.693	0.565	**-**	25 50	355-0065-0007
- / 70	3.189	26.107 (48.878)	15.297 (29.530)	2.441	0.659	**-**	25 50	355-0070-0007

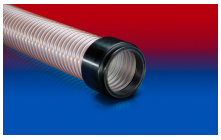
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AIRDUC® PUR 355 AS (HD)

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(in / mm)	(in)	(psi)	(inHG)	(in)	(lb/ft)	(ft)	(ft)	
- / 75	3.386	24.439 (45.688)	14.293 (29.530)	2.598	0.706	-	25 50	355-0075-0007
- / 80	3.583	22.989 (42.932)	13.407 (29.530)	2.717	0.746	-	25 50	355-0080-0007
3,5 / 89-90	3.976	20.523 (38.146)	12.403 (25.986)	2.992	0.840	10	-	355-0090-0007
4 / 100-102	4.370	18.493 (34.520)	11.517 (27.463)	3.268	1.001	-	25 50	355-0100-0007
5 / 125-127	5.354	14.867 (27.703)	9.302 (17.718)	3.976	1.237	-	25 50	355-0125-0007
5,5 / 140	5.945	13.344 (24.802)	8.268 (14.174)	4.370	1.364	-	25 50	355-0140-0007
6 / 150-152	6.339	12.473 (23.061)	7.973 (15.651)	4.646	1.620	-	25 50	355-0150-0007
6,3 / 160	6.732	11.676 (21.756)	7.530 (13.879)	4.921	1.720	-	25 50	355-0160-0007
- / 170	7.126	11.023 (20.451)	7.087 (12.107)	5.197	1.828	10	-	355-0170-0007
7 / 178-180	7.520	10.370 (19.290)	6.644 (10.926)	5.472	1.929	-	25 50	355-0180-0007
8 / 200-203	8.386	9.355 (17.405)	4.430 (10.631)	6.142	2.097	-	25 50	355-0200-0007

Accessories


CONNECT 245


CONNECT 223


CONNECT THREAD FITTING 234

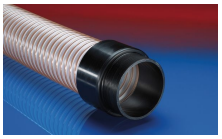

CONNECT 246 AS


CONNECT MOULD ASSEMBLY 233


CONNECT 245 VAC-TRUCK


CONNECT KARDAN 254


CLAMP 213


CONNECT 242

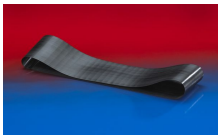

CONNECT TANK TRUCK BRASS 252

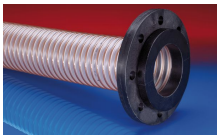

CLAMP 212 EC


CONNECT 270-271


CLAMP 217


CONNECT PRESS ASSEMBLY 232


CONNECT 228


CONNECT 244


CONNECT 243


CONNECT STORZ DIN ALU 251


CLAMP 216


CONNECT SAFETY CLAMP ASSEMBLY 231


CONNECT 240 + 241 AS


CONNECT KAMLOK ALU 253


CLAMP 212

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2026/04