

AIRDUC® PUR 350 AS

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

Applications:

- 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
- flame-retardant according to: DIN 4102-B1
- permanently antistatic wall: in accordance with ISO 8031 electrical and surface resistance <10⁹ Ω and in accordance with TRGS 727 <2,5*10⁸Ω
- 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), 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

Temperature range:

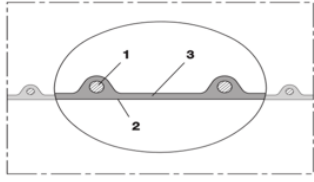
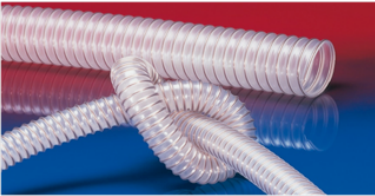
- 40°F to 195°F
- short time to 255°F

Design, material:

- AIRDUC® profile hose
- 1. spring steel wire firmly embedded in the wall
- 2. wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- 3. wall thickness 0.03 inch approximate

Delivery variants:

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



I.D. In/mm	O.D. in	Pressure psi	Vacuum DIN inHg	Bending Radius in	Weight lbs./ft	Stock length ft	Order No.	Order No.	Article Name	suitable fo
1 / 25	1.25	35.45 (78.95)	22.30 (29.53)	0.89	0.130	25	350-0025-1002	35000251002-0000002500	AIRDUC® PUR 350 AS	Yes
1 / 25	1.25	35.45 (78.95)	22.30 (29.53)	0.89	0.130	50	350-0025-1002	35000251002-0000005000	AIRDUC® PUR 350 AS	Yes
1.5 / 38	1.75	23.70 (52.70)	14.62 (29.53)	1.22	0.210	25	350-0038-1002	35000381002-0000002500	AIRDUC® PUR 350 AS	Yes
1.5 / 38	1.75	23.70 (52.70)	14.62 (29.53)	1.22	0.210	50	350-0038-1002	35000381002-0000005000	AIRDUC® PUR 350 AS	Yes
2 / 50-51	2.24	18.15 (40.30)	11.22 (29.53)	1.50	0.270	25	350-0050-1002	35000501002-0000002500	AIRDUC® PUR 350 AS	Yes
2 / 50-51	2.24	18.15 (40.30)	11.22 (29.53)	1.50	0.270	50	350-0050-1002	35000501002-0000005000	AIRDUC® PUR 350 AS	Yes
2.5 / 63-65	2.76	14.05 (31.20)	8.56 (21.11)	1.83	0.350	25	350-0065-1002	35000651002-0000002500	AIRDUC® PUR 350 AS	Yes
2.5 / 63-65	2.76	14.05 (31.20)	8.56 (21.11)	1.83	0.350	50	350-0065-1002	35000651002-0000005000	AIRDUC® PUR 350 AS	Yes
3 / 75-76	3.20	12.20 (27.10)	5.17 (21.41)	2.07	0.395	25	350-0075-1002	35000751002-0000002500	AIRDUC® PUR 350 AS	Yes

3 / 75-76	3.20	12.20 (27.10)	5.17 (21.41)	2.07	0.395	50	350-0075-1002	35000751002-0000005000	AIRDUC® PUR 350 AS	Yes
3.5 / 89-90	3.82	10.25 (22.65)	4.28 (15.06)	2.44	0.485	25	350-0090-1002	35000901002-0000002500	AIRDUC® PUR 350 AS	Yes
3.5 / 89-90	3.82	10.25 (22.65)	4.28 (15.06)	2.44	0.485	50	350-0090-1002	35000901002-0000005000	AIRDUC® PUR 350 AS	Yes
4 / 100-102	4.21	9.20 (20.40)	3.99 (19.49)	2.68	0.540	25	350-0100-1002	35001001002-0000002500	AIRDUC® PUR 350 AS	Yes
4 / 100-102	4.21	9.20 (20.40)	3.99 (19.49)	2.68	0.540	50	350-0100-1002	35001001002-0000005000	AIRDUC® PUR 350 AS	Yes
4.5 / 114-115	4.80	8.00 (17.75)	3.54 (14.76)	3.01	0.605	25	350-0115-1002	35001151002-0000002500	AIRDUC® PUR 350 AS	Yes
4.5 / 114-115	4.80	8.00 (17.75)	3.54 (14.76)	3.01	0.605	50	350-0115-1002	35001151002-0000005000	AIRDUC® PUR 350 AS	No
5 / 125-127	5.20	7.40 (16.30)	3.25 (12.40)	3.25	0.660	25	350-0125-1002	35001251002-0000002500	AIRDUC® PUR 350 AS	No
5 / 125-127	5.20	7.40 (16.30)	3.25 (12.40)	3.25	0.660	50	350-0125-1002	35001251002-0000005000	AIRDUC® PUR 350 AS	No
5.5 / 140	5.79	6.60 (14.60)	2.81 (9.89)	3.62	0.730	25	350-0140-1002	35001401002-0000002500	AIRDUC® PUR 350 AS	No
5.5 / 140	5.79	6.60 (14.60)	2.81 (9.89)	3.62	0.730	50	350-0140-1002	35001401002-0000005000	AIRDUC® PUR 350 AS	No
6 / 150-152	6.18	6.15 (13.65)	2.21 (10.63)	3.86	0.940	25	350-0150-1002	35001501002-0000002500	AIRDUC® PUR 350 AS	No
6 / 150-152	6.18	6.15 (13.65)	2.21 (10.63)	3.86	0.940	50	350-0150-1002	35001501002-0000005000	AIRDUC® PUR 350 AS	No
7 / 178-180	7.36	5.15 (11.40)	1.77 (7.23)	4.57	1.120	25	350-0180-1002	35001801002-0000002500	AIRDUC® PUR 350 AS	No
7 / 178-180	7.36	5.15 (11.40)	1.77 (7.23)	4.57	1.120	50	350-0180-1002	35001801002-0000005000	AIRDUC® PUR 350 AS	No
8 / 200-203	8.15	4.65 (10.25)	1.62 (5.76)	5.04	1.250	25	350-0200-1002	35002001002-0000002500	AIRDUC® PUR 350 AS	No
10 / 254	10.28	3.65 (8.05)	1.33 (3.25)	6.30	1.580	25	350-0254-1002	35002541002-0000002500	AIRDUC® PUR 350 AS	No
11 / 280	11.30	3.35 (7.30)	1.18 (2.66)	6.93	1.740	25	350-0280-1002	35002801002-0000002500	AIRDUC® PUR 350 AS	No
12 / 305	12.28	3.05 (6.75)	1.03 (2.21)	7.50	1.890	25	350-0305-1002	35003051002-0000002500	AIRDUC® PUR 350 AS	No
14 / 356	14.29	2.60 (5.80)	0.89 (1.77)	8.74	2.245	25	350-0356-1002	35003561002-0000002500	AIRDUC® PUR 350 AS	No