

AIRDUC® PUR 350 FOOD-AS

Antistatic food hose and pharmaceutical hose, medium-heavy duty

Applications:
flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
food industry, pharmaceutical industry: food, pharmaceutical
conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
explosion hazard area
clean room ventilation, semiconductor production machine
paper mill, paper and pulp industry: waste water, air extraction
medical device/ medical technology, healthcare sector: cable protection conduit, air supply hose, extraction hose
municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector

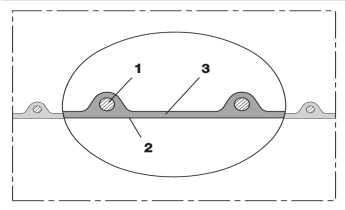
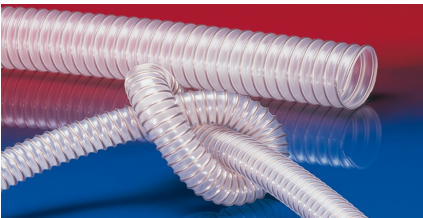
Properties:
medium-heavy duty
highly abrasion resistant
Food grade wall, complies with: EU-Directive 10/2011 and EC 1935/2004, incl. the latest EU-Directive 2015/174, FDA 21 CFR 177.2600
odorless and tasteless
microbe and hydrolysis resistant
good resistance to oil, gasoline, and chemicals
very good low temperature flexibility
permanently antistatic wall: in accordance with ISO 8031 electrical and surface resistance <10⁹ Ω and in accordance with TRGS 727 <2,5*10⁹Ω
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)

according to DIN 26057 Type 2
manufacturing process acc. GMP EC 2023/2006
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 ether-polyurethane (Pre-PUR®)
3. wall thickness 0.03 inch approximate

Delivery variants:
further diameters and lengths available on request
transparent (standard)
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 for box
1 / 25	1.25	35.45 (78.95)	22.30 (29.53)	0.89	0.130	25	350-0025-0000	350000250000-00000002500	AIRDUC® PUR 350 FOOD-AS	Yes
1 / 25	1.25	35.45 (78.95)	22.30 (29.53)	0.89	0.130	50	350-0025-0000	350000250000-00000005000	AIRDUC® PUR 350 FOOD-AS	Yes
1.5 / 38	1.75	23.70 (52.70)	14.62 (29.53)	1.22	0.210	25	350-0038-0000	350000380000-00000002500	AIRDUC® PUR 350 FOOD-AS	Yes
1.5 / 38	1.75	23.70 (52.70)	14.62 (29.53)	1.22	0.210	50	350-0038-0000	350000380000-00000005000	AIRDUC® PUR 350 FOOD-AS	Yes
2 / 50-51	2.24	18.15 (40.30)	11.22 (29.53)	1.50	0.270	25	350-0050-0000	350000500000-00000002500	AIRDUC® PUR 350 FOOD-AS	Yes
2 / 50-51	2.24	18.15 (40.30)	11.22 (29.53)	1.50	0.270	50	350-0050-0000	350000500000-00000005000	AIRDUC® PUR 350 FOOD-AS	Yes
2.5 / 63-65	2.76	14.05 (31.20)	8.56 (21.11)	1.83	0.350	25	350-0065-0000	350000650000-00000002500	AIRDUC® PUR 350 FOOD-AS	Yes
2.5 / 63-65	2.76	14.05 (31.20)	8.56 (21.11)	1.83	0.350	50	350-0065-0000	350000650000-00000005000	AIRDUC® PUR 350 FOOD-AS	Yes
3 / 75-76	3.20	12.20 (27.10)	5.17 (21.41)	2.07	0.395	25	350-0075-0000	350000750000-00000002500	AIRDUC® PUR 350 FOOD-AS	Yes
3 / 75-76	3.20	12.20 (27.10)	5.17 (21.41)	2.07	0.395	50	350-0075-0000	350000750000-00000005000	AIRDUC® PUR 350 FOOD-AS	Yes
3.5 / 89-90	3.82	10.25 (22.65)	4.28 (15.06)	2.44	0.485	25	350-0090-0000	350000900000-00000002500	AIRDUC® PUR 350 FOOD-AS	Yes
3.5 / 89-90	3.82	10.25 (22.65)	4.28 (15.06)	2.44	0.485	50	350-0090-0000	350000900000-00000005000	AIRDUC® PUR 350 FOOD-AS	Yes
4 / 100-102	4.21	9.20 (20.40)	3.99 (19.49)	2.68	0.540	25	350-0100-0000	350001000000-00000002500	AIRDUC® PUR 350 FOOD-AS	Yes
4 / 100-102	4.21	9.20 (20.40)	3.99 (19.49)	2.68	0.540	50	350-0100-0000	350001000000-00000005000	AIRDUC® PUR 350 FOOD-AS	Yes
4.5 / 114-115	4.80	8.00 (17.75)	3.54 (14.76)	3.01	0.605	25	350-0115-0000	350001150000-00000002500	AIRDUC® PUR 350 FOOD-AS	Yes
4.5 / 114-115	4.80	8.00 (17.75)	3.54 (14.76)	3.01	0.605	50	350-0115-0000	350001150000-00000005000	AIRDUC® PUR 350 FOOD-AS	No
5 / 125-127	5.20	7.40 (16.30)	3.25 (12.40)	3.25	0.660	25	350-0125-0000	350001250000-00000002500	AIRDUC® PUR 350 FOOD-AS	No
5 / 125-127	5.20	7.40 (16.30)	3.25 (12.40)	3.25	0.660	50	350-0125-0000	350001250000-00000005000	AIRDUC® PUR 350 FOOD-AS	No
5.5 / 140	5.79	6.60 (14.60)	2.81 (9.89)	3.62	0.730	25	350-0140-0000	350001400000-00000002500	AIRDUC® PUR 350 FOOD-AS	No
5.5 / 140	5.79	6.60 (14.60)	2.81 (9.89)	3.62	0.730	50	350-0140-0000	350001400000-00000005000	AIRDUC® PUR 350 FOOD-AS	No
6 / 150-152	6.18	6.15 (13.65)	2.21 (10.63)	3.86	0.940	25	350-0150-0000	350001500000-00000002500	AIRDUC® PUR 350 FOOD-AS	No
6 / 150-152	6.18	6.15 (13.65)	2.21 (10.63)	3.86	0.940	50	350-0150-0000	350001500000-00000005000	AIRDUC® PUR 350 FOOD-AS	No
7 / 178-180	7.36	5.15 (11.40)	1.77 (7.23)	4.57	1.120	25	350-0180-0000	350001800000-00000002500	AIRDUC® PUR 350 FOOD-AS	No

7 / 178-180	7.36	5.15 (11.40)	1.77 (7.23)	4.57	1.120	50	350-0180-0000	35001800000-0000005000	AIRDUC® PUR 350 FOOD-AS	No
8 / 200-203	8.15	4.65 (10.25)	1.62 (5.76)	5.04	1.250	25	350-0200-0000	35002000000-0000002500	AIRDUC® PUR 350 FOOD-AS	No
8 / 200-203	8.15	4.65 (10.25)	1.62 (5.76)	5.04	1.250	50	350-0200-0000	35002000000-0000005000	AIRDUC® PUR 350 FOOD-AS	No
10 / 254	10.28	3.65 (8.05)	1.33 (3.25)	6.30	1.580	25	350-0254-0000	35002540000-0000002500	AIRDUC® PUR 350 FOOD-AS	No
10 / 254	10.28	3.65 (8.05)	1.33 (3.25)	6.30	1.580	50	350-0254-0000	35002540000-0000005000	AIRDUC® PUR 350 FOOD-AS	No
11 / 280	11.30	3.35 (7.30)	1.18 (2.66)	6.93	1.740	25	350-0280-0000	35002800000-0000002500	AIRDUC® PUR 350 FOOD-AS	No
12 / 305	12.28	3.05 (6.75)	1.03 (2.21)	7.50	1.890	25	350-0305-0000	35003050000-0000002500	AIRDUC® PUR 350 FOOD-AS	No
14 / 356	14.29	2.60 (5.80)	0.89 (1.77)	8.74	2.245	25	350-0356-0000	35003560000-0000002500	AIRDUC® PUR 350 FOOD-AS	No