

AIRDUC PUR 350 FOOD-AS

Application:

- Flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- Food industry, pharmaceutical industry: food-stuff, 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 equipment/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 Part 177.2600
- Odourless and tasteless
- Microbe and hydrolysis resistant
- Good resistance to oil, gasoline and chemicals
- 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 $10^8-10^9\Omega$)
- Very good low temperature flexibility
- 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)
- According to DIN 26057 Type 2
- Manufacturing process acc. GMP EC 2023/2006
- Conforms to RoHS guideline
- REACH according to technology/technical information/REACH

Temperature Range:

- -40°C to 90°C
- Short time to 125°C

Design

- AIRDUC® profile hose
- Spring steel wire firmly embedded in wall
- Wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- Wall thickness 0.7 mm approx.

Delivery variants

- Further diameters and lengths available on request
- Transparent (standard)
- Customer-specific branding

PART NUMBER	ID	ID	OD	PRESSURE DIN 26057 (50% ELONGATION)	VACUUM DIN 26057 (AXIALLY FIXED)	BEND RADIUS	WEIGHT	LENGTH
	INCH	MM	MM	BAR	BAR	MM	KG/M	MTR
350-0025-0000	1	25	32.00	2.445 (5.45)	0.755 (1.00)	23.00	0.19	10
350-0032-0000	1.25	32	39.00	1.930 (4.29)	0.590 (1.00)	27.00	0.27	10
350-0038-0000	1.5	38	45.00	1.635 (3.64)	0.495 (1.00)	31.00	0.31	10
350-0045-0000	1.75	44-45	52.00	1.390 (3.08)	0.420 (1.00)	35.00	0.37	10
350-0050-0000	2	50-51	57.00	1.250 (2.78)	0.380 (1.00)	38.00	0.40	10
350-0060-0000	2.36	60	67.00	1.050 (2.33)	0.315 (0.83)	44.00	0.48	10
350-0065-0000	2.5	63-65	70.00	0.970 (2.15)	0.290 (0.71)	47.00	0.52	10
350-0075-0000	3	75-76	82.00	0.840 (1.87)	0.175 (0.72)	53.00	0.59	10
350-0080-0000	-	80	87.00	0.790 (1.75)	0.160 (0.64)	56.00	0.64	10
350-0090-0000	3.5	89-90	97.00	0.705 (1.56)	0.145 (0.51)	62.00	0.72	10
350-0100-0000	4	100-102	107.00	0.635 (1.41)	0.135 (0.66)	68.00	0.80	10
350-0110-0000	-	110	117.00	0.575 (1.28)	0.125 (0.55)	74.00	0.87	10
350-0115-0000	4.5	114-115	122.00	0.550 (1.22)	0.120 (0.50)	77.00	0.90	10
350-0120-0000	4.72	120	127.00	0.530 (1.17)	0.115 (0.46)	80.00	0.95	10
350-0125-0000	5	125-127	132.00	0.510 (1.13)	0.110 (0.42)	83.00	0.98	10
350-0140-0000	5.5	140	147.00	0.455 (1.01)	0.095 (0.33)	92.00	1.09	10
350-0150-0000	6	150-152	157.00	0.425 (0.94)	0.075 (0.36)	98.00	1.40	10
350-0160-0000	6.3	160	167.00	0.400 (0.88)	0.070 (0.31)	104.00	1.50	10
350-0170-0000	-	170	177.00	0.375 (0.83)	0.065 (0.28)	108.00	1.58	10
350-0175-0000	-	175	182.00	0.365 (0.81)	0.065 (0.26)	113.00	1.63	10
350-0180-0000	7	178-180	187.00	0.355 (0.78)	0.060 (0.24)	116.00	1.67	10
350-0200-0000	8	200-203	207.00	0.320 (0.71)	0.055 (0.19)	128.00	1.86	10