

AIRDUC PUR-INOX 356 FOOD AS very strong pharma hose antistatic food hose and pharmaceutical hose, super-heavy, stainless steel (INOX)



Technical specifications:

APPLICATIONS

- hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone
- food industry, pharmaceutical industry: foodstuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- vacuum conveying equipment, vacuum hopper, suction conveyor, dosing system
- pelleting machines/ tablet presses
- agricultural industry: pneumatic grain conveyor
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- paper mill, paper and pulp industry: waste water, air extraction
- silos and tankers: silo charging, silo discharging

PROPERTIES

- super-heavy duty
- extremely abrasion-resistant with reinforcement underneath wire and narrow hose pitch
- very high pressure, vacuum and compression resistance
- Approved by an independent testing laboratory for the complete hose acc. to EU-Directive 10/2011, EC 1935/2004 and EU 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600
- Approval acc. to EU-Directive 10/2011 (food simulant E) and EC 1935/2004
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- 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)

- according to DIN 26057 Type 4
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

DELIVERY VARIANTS

- further diameters and lengths available on request
- transparent (standard)
- customer-specific branding

DESIGN

- AIRDUC® profile hose
- 1. spring steel wire firmly embedded in wall; spiral: stainless steel wire (INOX)
- 2. wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- 3. wall thickness 2,0 to 2,5 mm approx.
- 4. reinforcement of the primary abrasion areas

TEMPERATURE RANGE

- -40°C to 90°C

Hőállóság: -40°C/+90°C, rövid ideig +125 C

Szabvány: DIN 26057 Type 4

Tekercsméret: 5-10-15 m

Falvastagság: 2-2,5 mm

Elektromos ellenállás: R < 109 Ohm

On stock at the manufacturer, short delivery time with regular shipments

Belső Ø (mm)	Külső átmérő (mm)	Vákuum (bar)	Nyomás 20°C-on (bar)	Hajlítási sugár mm	Súly (kg/m)	Standard tekercs (m)	Norres cikkszám	Cikkszám
32	43	-1,00	5,23	90	0,68	10	356-0032-1018	102953
38*	49	-1,00	4,47	104	0,79	--	356-0038-1018	
40	51	-1,00	4,27	109	0,82	10	356-0040-1018	102989
50	61	-1,00	3,47	134	1,00	10	356-0050-1018	102478
51*	62	-1,00	3,20	134	1,02	--	356-0051-1018	

Belső Ø (mm)	Külső átmérő (mm)	Vákuum (bar)	Nyomás 20°C-on (bar)	Hajlítási sugár mm	Súly (kg/m)	Standard tekercs (m)	Norres cikkszám	Cikkszám
60*	71	-1,00	2,92	156	1,18	--	356-0060-1018	
63*	74	-1,00	2,81	163	1,23	--	356-0063-1018	
65	76	-1,00	2,70	169	1,27	10	356-0065-1018	102990
70	82	-1,00	2,52	186	1,37	5	356-0070-1018	102991
75	87	-1,00	2,36	195	1,48	10	356-0075-1018	102992
76	88	-1,00	2,35	195	1,47	10	356-0076-1018	102993
80*	92	-1,00	2,19	205	1,55	--	356-0080-1018	
90	101	-1,00	2,17	250	1,70	5	356-0090-1018	102994
100	113	-1,00	1,98	272	2,27	10	356-0100-1018	102478
102*	115	-1,00	1,89	272	2,31	--	356-0102-1018	
125*	138	-0,89	1,59	363	2,80	--	356-0125-1018	
127*	140	-0,89	1,56	336	2,84	--	356-0127-1018	
150*	163	-0,73	1,32	435	3,68	--	356-0150-1018	
152*	165	-0,72	1,37	435	3,73	--	356-0152-1018	

*egyedi gyártású átmérők





TRIÁSZ-TÖMLŐ KFT.

