

## **AIRDUC PUR 351 FOOD 1 mm FDA Food hose and pharmaceutical hose, medium-heavy and reinforced**



**Technical specifications:**

**APPLICATIONS**

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- 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
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- industrial vacuum cleaners, vacuum cleaners

#### PROPERTIES

- medium-heavy duty
- highly abrasion resistant
- 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 simulants A, B, C or E and D2) and EC 1935/2004
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- manufacturing process acc. GMP EC 2023/2006
- flame-retardant according to: UL94-HB
- 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
- 2. wall: special premium ether-polyurethane (Pre-PUR®)
- 3. wall thickness 1,0 mm approx.

#### TEMPERATURE RANGE

- -40°C to 90°C
- short time to 125°C

**Hőállóság:** -40°C / +90°C ( rövid ideig +125°C)

**Felépítés:** poliuretán, áttetsző, beágyazott acélspirállal, belül közel sima, kívül hullámos

**Falvastagság:** 1 mm

Tekercsméret: 10 m

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

Belső Ø (mm)	Külső Ø (mm)	Nyomás 20°C-on (bar) (50% nyúlás)	Vákuum (bar)	Hajlítási sugár (mm)	Súly (kg/m)	Norres típuszám	Cikkszám
25	32	2,71	-0,68	23	0,2	351-0025-0000	103138
30	38	2,29	-0,47	27	0,26	351-0030-0000	103139
32	40	2,15	-0,44	28	0,28	351-0032-0000	103140
35	43	1,97	-0,41	30	0,3	351-0035-0000	103141
38	46	1,83	-0,37	32	0,32	351-0038-0000	103142
40	48	1,74	-0,35	33	0,34	351-0040-0000	103143
44/45	53	1,55	-0,31	36	0,38	351-0045-0000	103144
50/51	58	1,4	-0,28	39	0,41	351-0050-0000	102482
55	63	1,28	-0,25	42	0,45	351-0055-0000	103145
60	68	1,17	-0,23	45	0,49	351-0060-0000	103146
63/65	73	1,09	-0,22	48	0,53	351-0065-0000	103147
70	79	1,01	-0,15	52	0,59	351-0070-0000	103148
75/76	84	0,94	-0,14	55	0,64	351-0075-0000	103149
80	89	0,89	-0,13	58	0,68	351-0080-0000	103150
89/90	99	0,79	-0,11	64	0,75	351-0090-0000	103151
100/102	109	0,71	-0,11	70	0,97	351-0100-0000	103152
110	119	0,65	-0,1	76	1,06	351-0110-0000	103153
114/115	124	0,62	-0,09	79	1,11	351-0115-0000	103154
120	129	0,59	-0,09	82	1,16	351-0120-0000	103155
125/127	134	0,57	-0,09	85	1,2	351-0125-0000	103156
130	139	0,55	-0,08	88	1,25	351-0130-0000	103157
140	149	0,51	-0,08	94	1,34	351-0140-0000	103158
150/152	159	0,48	-0,06	100	1,52	351-0150-0000	103159
160	169	0,45	-0,06	106	1,61	351-0160-0000	103160
170	179	0,42	-0,06	110	1,71	351-0170-0000	103161
175	184	0,41	-0,06	115	1,76	351-0175-0000	103162
178/180	189	0,4	-0,05	118	1,81	351-0180-0000	103163
200/203	209	0,36	-0,05	130	2	351-0200-0000	103164
225	234	0,32	-0,04	145	2,16	351-0225-0000	100333
250	259	0,29	-0,03	160	2,39	351-0250-0000	103165
275	284	0,26	-0,03	175	2,63	351-0275-0000	103166
280	289	0,26	-0,03	178	2,67	351-0280-0000	103167
300	309	0,24	-0,03	190	2,86	351-0300-0000	103168
315	324	0,23	-0,03	199	3	351-0315-0000	103169
325	334	0,22	-0,03	205	3,1	351-0325-0000	103170
350	359	0,2	-0,02	220	3,33	351-0350-0000	103171



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375	384	0,19	-0,02	237	3,9	351-0375-0000	103172
400	409	0,18	-0,02	250	4,27	351-0400-0000	103173
450	459	0,16	-0,02	283	4,8	351-0450-0000	103174
500	509	0,14	-0,02	315	5,33	351-0500-0000	103175

