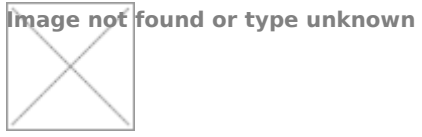


AIRDUC PUR 355 AS - h
Antistatic polyurethane
resistant

abrasion resistant
resistant, flame-

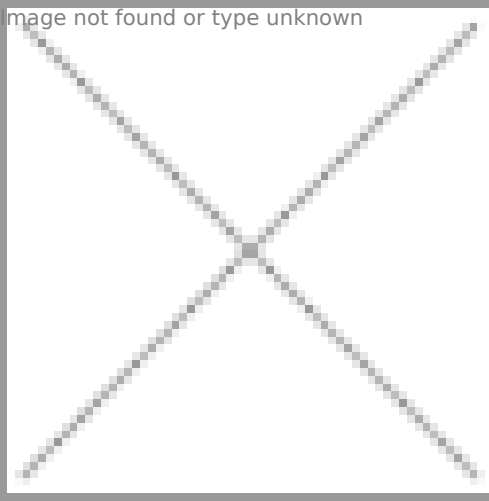


high throughput of abrasive powder, bulk material, granulate and for gases

- plastic industry, conveying of granulates and powders: granulate conveying equipment, vacuum hopper/ conveyor, suction conveyor, dosing system, bulk-bag (big bag)-charging and discharging, shredder, mill, extruder, injection moulding machine
- printed circuit board drilling machine (PCB)
- powder spraying, powder coating: e.g. printing industry
- offset printing machine: air supply, air supply cabinet
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- agricultural industry, conveying of seed and fertilizers: seeding machine, seed drill, drilling machine
- agricultural industry: pneumatic grain conveyer
- construction industry, road milling machine
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- compressor, side channel blower, vacuum pump, pressure pump, pump
- paper mill, paper and pulp industry, packaging machine: edge strip suctioning system/ edge trim exhaust systems
- surface preparation: shot blasting/ sand blasting recovery e.g. at 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
- vacuum lifting equipment, vacuum handling system
- silos and tankers: silo charging, silo discharging
- silo and tankers: conveying of wood pellets, plastic granulate, plastic powder

PROPERTIES

- heavy duty
- highly abrasion resistant
- increased pressure and vacuum resistance
- microbe resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- flame-retardant according to: UL94-V2 & DIN 4102-B1
- permanently antistatic wall: according to ISO 8031 electrical and



surface resistance $<10^9 \Omega$ (according to NFPA 652 10^8 - $10^9 \Omega$)

- in accordance with ATEX 2014/34/EU TRGS 727: pneumatic transport of flammable materials (Zone 20, 21, 22 inside), as well as Zone 22 inside),
- in accordance with ATEX 2014/34/EU TRGS 727: for conveying for flammable liquids (gases), for use in zone 0 (gases)
- conforms to the safety regulations of the International Association of Fire Protection
- according to DIN 26057 Type 3
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

DELIVERY VARIANTS

- further diameters and lengths available on request
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding

DESIGN

- AIRDUC® profile hose
- 1. spring steel wire firmly embedded in wall
- 2. wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- 3. wall thickness 1,4 - 1,5 mm approx.

TEMPERATURE RANGE

- -40°C to 90°C
- short time to 125°C

Hőállóság: $-40^\circ\text{C}/+90^\circ\text{C}$ rövid ideig + 125°C

Felépítés: Poliuretán, áttetsző, beágyazott acélspirállal, belül közel sima, kívül hullámos

Falvastagság: 1,4 mm a spirálok között

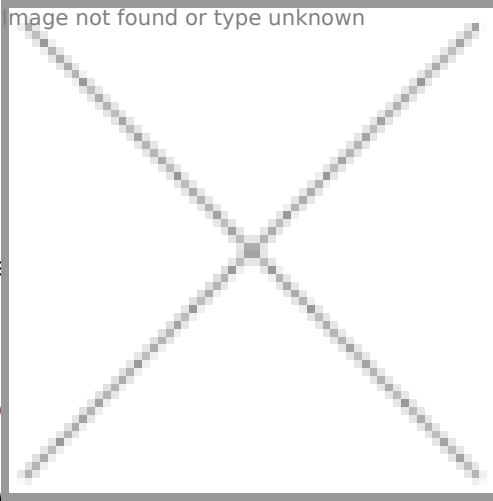
Szabvány: ATEX 2014/34/EU (1999/92/EC), Német TRGS 727, DIN 26057 2. típus, megfelel a RoHS iránymutatásoknak

Égésgátolt: Megfelel a UL94-V2, DIN 4102-B1 előírásoknak

Elektromos ellenállás: $R < 10^9 \text{ Ohm}$ (TRGS 727 szerint $< 2,5 \times 10^8 \text{ Ohm} \cdot \text{m}$ és NFPA 652 $10^8 - 10^9 \text{ Ohm}$)

Kivitel: DIN 26057 Type 3

Üzemi nyomás: DIN 26057 (50% hossz nyúlás)



Vákuum: DIN 26057 (rögzített végek)

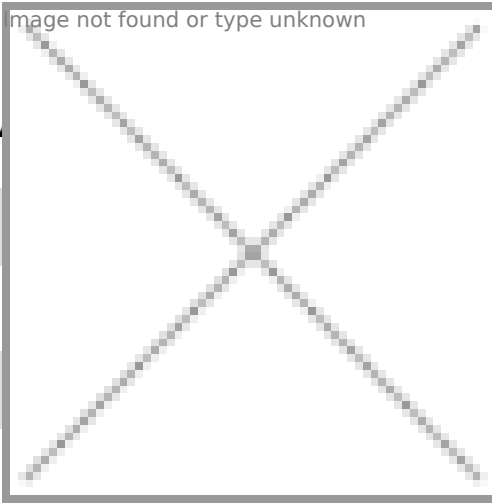
Tekercsméret: 10 m

További tekercsméret: 5, 15, bizonyos akár készletről

Storage lots, splitting of the rolls are possible from the stock in products.

Inside diameter (mm)	Outside diameter (mm)	Working pressure at 20 C (bar)	Vacuum (bar)	Welding radius (mm)	Weight (kg/m)	Article Nr.
13	20	5	-1	14	0,14	355-0013-0000
16	23	4,9	-1	15	0,16	355-0016-0000
18	25	4,4	-1	16	0,17	355-0018-0000
20	27	4,72	-1	17	0,23	355-0020-0000
22	29	4,33	-1	18	0,25	355-0022-0000
25	32	3,85	-1	20	0,28	355-0025-0000
30	40	4	-1	25	0,42	355-0030-0000
32	42	3,77	-1	26	0,44	355-0032-0000
35	45	3,47	-1	28	0,48	355-0035-0000
38	48	3,21	-1	29	0,52	355-0038-0000
40	50	3,06	-1	30	0,54	355-0040-0000
42	52	2,9	-0,91	31	0,56	355-0042-0000
45	55	2,75	-0,91	33	0,6	355-0045-0000
50/51	60	2,48	-0,85	35	0,66	355-0050-0000
55	65	2,27	-0,75	38	0,72	355-0055-0000
60	70	2,09	-0,68	40	0,78	355-0060-0000
63/65	75	1,93	-0,63	43	0,84	355-0065-0000
70	81	1,8	-0,54	62	0,98	355-0070-0000

Inside diameter (mm)	Outside diameter (mm)	Weight (kg/m)	Length (mm)	Weight (kg/m)	Article Nr.
75/76	86	1,05	66	355-0075-0000	
80	91	1,11	69	355-0080-0000	
89/90	101	1,25	76	355-0090-0000	
100/102	111	1,49	83	355-0100-0000	
110	121	1,63	90	355-0110-0000	
114	126	1,68	94	355-0115-0000	
120	131	1,77	97	355-0120-0000	
125/127	136	1,84	101	355-0125-0000	
130	141	1,91	104	355-0130-0000	
140	151	2,03	111	355-0140-0000	
150/152	161	2,56	125	355-0150-0000	
160	171	2,56	125	355-0160-0000	
170	181	2,72	132	355-0170-0000	
175	186	2,79	136	355-0175-0000	
180	191	2,87	139	355-0180-0000	
200/203	213	3,12	156	355-0200-0000	
225	238	3,5	174	355-0225-0000	
250	263	3,88	191	355-0250-0000	
254	267	3,95	194	355-0254-0000	
275	288	4,26	209	355-0275-0000	
280	293	4,33	212	355-0280-0000	
300	313	5,16	226	355-0300-0000	



Inside diameter (mm)	Outside diameter (mm)	Weight (kg/m)	Article Nr.
305	318	5,25	355-0305-0000
315	328	5,41	355-0315-0000
325	338	5,58	355-0325-0000
350	363	6	355-0350-0000
400	413	8,02	355-0400-0000
450	463	9	355-0450-0000
500	514	10	355-0500-0000

