

## AIRDUC PUR 355 EC (HD)

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### Technical specifications:

#### APPLICATIONS

- flexible hose/ ducting for high throughput of abrasive powder, bulk material, granulate and for gases
- industrial vacuum cleaners, vacuum cleaners
- Coal mine, mine, tunnelling: ventilation, methane extraction
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings

#### PROPERTIES

- heavy duty
- increased pressure and vacuum resistance
- highly abrasion resistant
- very good low temperature flexibility
- good resistance to oil, gasoline and chemicals
- electrically conductive wall: electrical and surface resistance  $<10^3\Omega$  (according to NFPA 652  $<10^6\Omega$ )
- 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 3
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

#### TEMPERATURE RANGE

- -40°C to 90°C

#### DELIVERY VARIANTS

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

#### DESIGN

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

**Hőállóság:** -40°C/+90°C

**Felépítés:** 200%

**Belül:**  $\geq 3$  Mpa

**Falvastagság:** 1,4 mm

**Kulcsszélesség:** SBR

**Erősítés:** -20/+85°C

**Magas oktánszámú üzemanyagok:** white/cream

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

**Szakadási nyúlás:** 1,45 g/cm<sup>3</sup>

**Szövet:** both side is smooth

**Tömítés:** 50° Shore A

**Tömítőtányér:** without fabric insertion

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

ID (mm)	OD (mm)	Working pressure (bar)	Vacuum (bar)	Bending radius (mm)	Weight (kg/m)	Article Nr.
25	32	2,93	1	20	0,28	355-0025-1003
30	40	2,47	1	25	0,47	355-0030-1003
32	42	2,32	0,95	26	0,47	355-0032-1003
38	48	1,98	0,92	29	0,55	355-0038-1003
40	50	1,88	0,91	30	0,57	355-0040-1003
50-51	60	1,51	0,78	35	0,71	355-0050-1003
60	70	1,27	0,65	40	0,83	355-0060-1003
63-65	75	1,17	0,6	43	0,89	355-0065-1003
70	81	1,51	0,51	62	1,01	355-0070-1003
75-76	86	1,42	0,48	66	1,07	355-0075-1003
80	91	1,33	0,45	69	1,14	355-0080-1003
100	111	1,07	0,37	83	1,41	355-0100-1003
110	121	0,98	0,32	90	1,54	355-0110-1003
114-115	126	0,93	0,33	94	1,61	355-0115-1003
200	212	0,5	0,14	155	2,85	355-0200-1003



**IMAGE**

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**IMAGE**

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