

# **AIRDUC PE 362 EC Electrically conductive polyethylene hose, medium-heavy**

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## **Technical specifications:**

### **APPLICATIONS**

- flexible hose/ ducting for gases and for dust, powder, fibres
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area
- Coal mine, mine, tunnelling: ventilation, methane extraction

### **PROPERTIES**

- medium-heavy duty
- good resistance to alkalis and acids
- extremely good resistance to 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)
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

### **DELIVERY VARIANTS**

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

### **DESIGN**

- AIRDUC® profile hose
- 1. spring steel wire firmly embedded in wall
- 2. wall: electrically conductive polyethylene (PE)
- 3. wall thickness 0,8 mm approx.

### **TEMPERATURE RANGE**

- -35°C to 80°C

**Temperature:** -35°C/+80°C

**Wall thickness:** 0,8 mm

**Coil length:** 10 m

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

Inside diameter	Outer diameter (mm)	Working pressure (bar)	Vacuum (bar)	Weigth (kg/m)	Article Nr.
32	39	0,92	0,505	0,23	362-0032-1003
38	45	0,78	0,475	0,26	362-0038-1003
40	47	0,74	0,46	0,28	362-0040-1003
50-51	57	0,595	0,395	0,34	362-0050-1003
60	67	0,5	0,32	0,4	362-0060-1003
70	79	0,43	0,23	0,56	362-0070-1003
80	89	0,37	0,2	0,64	362-0080-1003
89-90	99	0,33	0,17	0,71	362-0090-1003
100-102	109	0,3	0,135	0,79	362-0100-1003
125-127	134	0,24	0,09	0,98	362-0125-1003
140	149	0,185	0,105	1,06	362-0140-1003
150-152	159	0,2	0,09	1,16	362-0150-1003
160	169	0,19	0,075	1,24	362-0160-1003
200-203	210	0,15	0,06	1,55	362-0200-1003
250	260	0,12	0,025	1,92	362-0250-1003
300	310	0,085	0,005	2,26	362-0300-1003