

Electrically conductive polyethylene hose, medium-heavy

Application

- 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

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- 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

Temperature Range

- 35 °C to 80 °C

Design

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

Delivery variants

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

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
1,25 / 32	39.00	0,780	0,530	23.00	0.22	10	362-0032-1003
1,5 / 38	45.00	0,660	0,450	26.00	0.26	10	362-0038-1003
- / 40	47.00	0,630	0,425	27.00	0.27	10	362-0040-1003
2 / 50-51	57.00	0,505	0,340	32.00	0.33	10	362-0050-1003
2,36 / 60	67.00	0,425	0,295	37.00	0.40	10	362-0060-1003
- / 70	79.00	0,365	0,210	44.00	0.46	10	362-0070-1003
- / 80	89.00	0,320	0,185	49.00	0.52	10	362-0080-1003
3,5 / 89-90	99.00	0,285	0,165	54.00	0.59	10	362-0090-1003
4 / 100-102	109.00	0,255	0,145	59.00	0.76	10	362-0100-1003
5 / 125-127	134.00	0,205	0,120	72.00	0.94	10	362-0125-1003
5,5 / 140	149.00	0,185	0,105	79.00	1.06	10	362-0140-1003
6 / 150-152	159.00	0,170	0,100	84.00	1.13	10	362-0150-1003
6,3 / 160	169.00	0,160	0,090	89.00	1.21	10	362-0160-1003
8 / 200-203	210.00	0,130	0,075	110.00	1.51	10	362-0200-1003
- / 250	260.00	0,105	0,060	135.00	1.88	10	362-0250-1003
11 / 280	290.00	0,090	0,055	150.00	2.10	10	362-0280-1003
- / 300	310.00	0,085	0,050	160.00	2.26	10	362-0300-1003

Accessories



CONNECT 223



CONNECT 270-271



CLAMP 212 EC



CLAMP 217



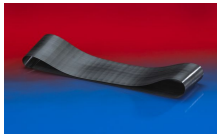
CLAMP 212



CLAMP 210 BRIDGE CLAMP



CLAMP 213



CONNECT 228