

Electrically conductive suction and transport hose; PE $10^3 \Omega$, medium-heavy, smooth interior, highly chemical resistant

Applications: Electrically conductive suction and transport hose, especially suitable:

- for transporting inflammable bulk materials and in areas liable to contain explosive mixtures (explosion protection)
- for aggressive solids such as dust, powder, fibres, chips and granulates
- for aggressive gaseous and liquid media
- for vacuum cleaners, conveying systems, blowers and compressors

Properties

- according to German TRBS 2153 electrically conductive wall: Electrical and surface resistance <math>< 10^3 \Omega</math>, recommended for transporting inflammable bulk materials
- medium-heavy model

- smooth interior
- optimized flow properties
- flexible
- good resistance to mineral oils and gasoline
- good resistance to alkalis and acids
- extremely good resistance to chemicals
- small bending radius
- kink-proof
- free of softener and halogen
- gas and liquid tight
- conforms to the requirements of the European ATEX Directive
- conform to RoHS guideline

Temperature Range

- -35 °C approx. to +80 °C approx.

Design, material

AIRDUC® profile hose

1. spring steel wire spiral embedded in wall
2. profile with optimised flow properties
wall: electrically conductive polyethylene (PE)
3. wall thickness 0.8 mm approx.

Delivery variants

- cut lengths and special lengths
- black (standard)
- customer-specific product marking
- as a pre-assembled hose system with NORCONNECT connectors
- customised connectors

I.D.	O.D.	Rec. operating limits		Bending Radius	Weight	Stock Lengths	Further Production Lengths	Order No.
		Overpressure	Vacuum					
mm	mm	bar	bar	mm	kg/m	m	m	
28	34	0,885	0,545	34	0,200	-	10	362-0028-1003
30	37	0,830	0,520	37	0,210	-	10	362-0030-1003
32	39	0,780	0,505	39	0,220	10	-	362-0032-1003
35	42	0,715	0,495	42	0,240	-	10	362-0035-1003
38	45	0,660	0,475	45	0,260	10	-	362-0038-1003
40	47	0,630	0,460	47	0,270	10	-	362-0040-1003
45	52	0,560	0,430	52	0,300	-	10	362-0045-1003
50	57	0,505	0,395	57	0,330	10	-	362-0050-1003
55	62	0,460	0,350	62	0,360	-	10	362-0055-1003
60	67	0,420	0,320	67	0,400	10	-	362-0060-1003
65	72	0,390	0,275	72	0,420	-	10	362-0065-1003
70	79	0,360	0,230	79	0,460	10	-	362-0070-1003
75	84	0,335	0,210	84	0,500	-	10	362-0075-1003
80	89	0,320	0,200	89	0,520	10	-	362-0080-1003
90	99	0,280	0,170	99	0,590	-	10	362-0090-1003
100	109	0,255	0,135	109	0,760	10	-	362-0100-1003
110	119	0,230	0,120	119	0,840	-	10	362-0110-1003
115	124	0,220	0,115	124	0,870	-	10	362-0115-1003
120	129	0,215	0,115	129	0,910	-	10	362-0120-1003
125	134	0,205	0,090	134	0,940	10	-	362-0125-1003
130	139	0,195	0,090	139	0,990	-	10	362-0130-1003
140	149	0,185	0,090	149	1,060	10	-	362-0140-1003
150	159	0,170	0,090	159	1,130	10	-	362-0150-1003
160	169	0,155	0,075	169	1,210	10	-	362-0160-1003
175	184	0,145	0,060	184	1,310	-	10	362-0175-1003
180	189	0,140	0,060	189	1,360	-	10	362-0180-1003



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		Overpressure	Vacuum					
mm	mm	bar	bar	mm	kg/m	m	m	
200	210	0,130	0,060	210	1,510	-	10	362-0200-1003
225	235	0,115	0,040	235	1,690	-	10	362-0225-1003
250	260	0,100	0,025	260	1,880	-	10	362-0250-1003
275	285	0,095	0,020	285	2,070	-	10	362-0275-1003
280	290	0,090	0,020	290	2,100	-	10	362-0280-1003
300	310	0,085	0,020	310	2,260	-	10	362-0300-1003

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on www.norres.com.

Accessories

13.1.0



NORCLAMP 212

13.5.0



NORCLAMP 212 EC

13.6.0



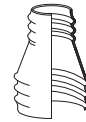
NORCLAMP 217

13.7.0



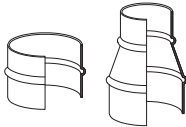
NORCLAMP 213

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NORCONNECT 223

13.18.0



NORCONNECT 270-271