

## Suction and transport hose for the food and pharmaceutical industries (FDA); PE, medium-heavy, smooth interior

**Applications:** Suction and transport hose, especially suitable:

- for solids such as dust, powder, fibres, chips and granulates
- for gaseous and liquid media
- for vacuum cleaners, conveying systems, blowers and compressors
- for the food and pharmaceutical industry
- for the chemical industry

### Properties

- medium-heavy model
- smooth interior
- optimized flow properties
- flexible

- food grade wall, complies with: FDA 21 CFR 177.1520 3.1 and 3.2, EU Directive 2002/72/EC, incl. amending Directives 2008/39/EC and 975/2009, German guideline III BfR
- odourless and tasteless
- 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
- conform to RoHS guideline
- according to German TRBS 2153 (formerly BGR 132): capable of electro-static discharge by grounding the spiral, recommended for many applications with the exception of inflammable bulk materials

### Temperature Range

- -35 °C approx. to +80 °C approx.

### Design, material

AIRDUC® profile hose

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

### Delivery variants

- cut lengths and special lengths
- transparent (standard)
- special colours: full coloured
- customer-specific product marking
- as a pre-assembled hose system with NORCONNECT connectors
- customised connectors

I.D. mm	O.D. mm	Rec. operating limits		Bending Radius mm	Weight kg/m	Stock Lengths m	Further Production Lengths m	Order No.
		Overpressure bar	Vacuum bar					
28	34	1,040	0,540	34	0,250	10	-	362-0028-0000
30	37	0,980	0,520	37	0,210	10	-	362-0030-0000
32	39	0,920	0,505	39	0,230	10	-	362-0032-0000
35	42	0,840	0,495	42	0,240	-	10	362-0035-0000
38	45	0,775	0,475	45	0,260	10	-	362-0038-0000
40	47	0,740	0,460	47	0,280	10	-	362-0040-0000
45	52	0,660	0,430	52	0,310	-	10	362-0045-0000
50	57	0,595	0,395	57	0,340	10	-	362-0050-0000
55	62	0,540	0,350	62	0,370	-	10	362-0055-0000
60	67	0,495	0,320	67	0,400	10	-	362-0060-0000
65	72	0,460	0,275	72	0,440	10	-	362-0065-0000
70	79	0,425	0,230	79	0,560	10	-	362-0070-0000
75	84	0,395	0,210	84	0,600	10	-	362-0075-0000
80	89	0,375	0,200	89	0,640	10	-	362-0080-0000
90	99	0,330	0,170	99	0,710	10	-	362-0090-0000
100	109	0,300	0,135	109	0,790	10	-	362-0100-0000
110	119	0,270	0,120	119	0,860	10	-	362-0110-0000
115	124	0,260	0,115	124	0,900	-	10	362-0115-0000
120	129	0,250	0,115	129	0,940	10	-	362-0120-0000
125	134	0,240	0,090	134	0,980	10	-	362-0125-0000
130	139	0,230	0,090	139	1,030	-	10	362-0130-0000
140	149	0,215	0,090	149	1,100	-	10	362-0140-0000
150	159	0,200	0,090	159	1,160	10	-	362-0150-0000
160	169	0,185	0,075	169	1,240	10	-	362-0160-0000
175	184	0,170	0,060	184	1,360	-	10	362-0175-0000
180	189	0,165	0,060	189	1,400	-	10	362-0180-0000
200	210	0,150	0,060	210	1,550	10	-	362-0200-0000
225	235	0,135	0,040	235	1,740	-	10	362-0225-0000



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	
250	260	0,120	0,025	260	1,920	10	-	362-0250-0000
275	285	0,110	0,020	285	2,090	-	10	362-0275-0000
280	290	0,105	0,020	290	2,130	-	10	362-0280-0000
300	310	0,100	0,020	310	2,270	-	10	362-0300-0000
315	325	0,090	0,020	325	2,350	-	10	362-0315-0000
400	410	0,070	0,010	410	3,050	-	10	362-0400-0000

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](http://www.norres.com).

## Accessories

13.1.0



NORCLAMP 212

13.5.0



NORCLAMP 212 EC

13.6.0



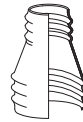
NORCLAMP 217

13.7.0



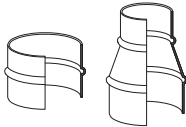
NORCLAMP 213

13.14.0



NORCONNECT 223

13.18.0



NORCONNECT 270-271



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