

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 NORCON-NECT 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.

Accessories

13.1.0



NORCLAMP 212

13.5.0



NORCLAMP 212 EC

13.6.0



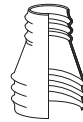
NORCLAMP 217

13.7.0



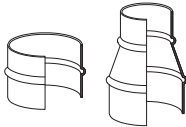
NORCLAMP 213

13.14.0



NORCONNECT 223

13.18.0



NORCONNECT 270-271