

Suction and transport hose for the food and pharmaceutical industries (FDA); PUR + stainless steel, medium-heavy, smooth interior

Applications: Suction and transport hose, especially suitable:

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

Properties

- medium-heavy model
- highly abrasion-proof (abrasion resistance about 2.5 to 5 times better than most rubber materials and about 3 to 4 times better than most soft PVC 's)
- smooth interior
- optimized flow properties
- flexible
- high tensile strength and tear resistant
- food grade wall, complies with: FDA 21 CFR 177.2600 and 178.2010, EU Directive 2002/72 /EC, incl. amending Directives 975/2009 and Regulation No. 10/2011

- approved by an independent testing laboratory for the complete hose acc. to EU Directive 2002 /72/EC, incl. amending Directives 2008/39/EC and 975/2009
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to chemicals
- good resistance to UV and ozone
- very good low temperature flexibility (better than comparable ester-polyurethanes)
- small bending radius
- kink-proof
- free of softener and halogen
- gas and liquid tight
- flame-retardant according to: UL94-HB
- 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
- conform to RoHS guideline

Temperature Range

- -40 °C approx. to +90 °C approx.
- short time to +125 °C approx.

Design, material

AIRDUC® profile hose

1. spring steel wire firmly embedded in wall spiral: stainless steel wire (INOX)
2. profile with optimised flow properties wall: special premium ether-polyurethane (Pre-PUR®)
3. wall thickness 1.0 mm approx.

Delivery variants







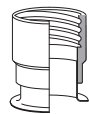
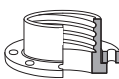


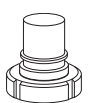
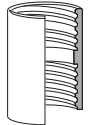
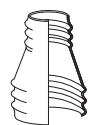
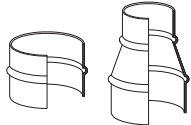
- cut lengths and special lengths
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- wall: „bioplastic“ material derived from renewable raw materials without food applicability and without UL approval
- as a pre-assembled hose system 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		
25	32	2,690	0,495	35	0,200	10	-	351-0025-1103	
32	40	2,120	0,460	44	0,280	10	-	351-0032-1103	
38	46	1,795	0,430	51	0,320	10	-	351-0038-1103	
40	48	1,710	0,420	53	0,340	10	-	351-0040-1103	
50	58	1,370	0,365	64	0,410	10	-	351-0050-1103	
60	68	1,150	0,285	75	0,490	10	-	351-0060-1103	
65	73	1,060	0,255	80	0,530	10	-	351-0065-1103	
70	79	0,990	0,210	87	0,590	-	10	351-0070-1103	
75	84	0,920	0,195	92	0,640	10	-	351-0075-1103	
80	89	0,860	0,175	98	0,680	10	-	351-0080-1103	
100	109	0,690	0,120	120	0,970	10	-	351-0100-1103	
120	129	0,580	0,105	142	1,160	-	10	351-0120-1103	
125	134	0,560	0,085	147	1,200	10	-	351-0125-1103	
150	159	0,460	0,075	175	1,520	10	-	351-0150-1103	
160	169	0,435	0,065	186	1,610	-	10	351-0160-1103	
180	189	0,385	0,055	208	1,810	-	10	351-0180-1103	
200	209	0,350	0,055	230	2,000	10	-	351-0200-1103	

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	13.8.0  NORCONNECT 240 + 241
13.9.0  NORCONNECT 242	13.10.0  NORCONNECT 243	13.11.0  NORCONNECT 244	13.12.5  NORCONNECT INOX 245	13.12.6  NORCONNECT INOX 247
13.12.7  NORCONNECT INOX 249	13.13.0  NORCONNECT 246	13.14.0  NORCONNECT 223	13.18.0  NORCONNECT 270-271	