

Abrasion-proof and antistatic suction and transport hose; PUR $10^9\Omega$ + stainless steel, heavy, smooth interior

Applications: Abrasion-proof and antistatic suction and transport hose, especially suitable:

- for transporting inflammable bulk materials and in areas liable to contain explosive mixtures (explosion protection)
- for high flow-rates of abrasive solids such as powder, chips and granulates
- for gaseous and liquid media
- for industrial vacuum cleaners, granulate conveying systems, printing machines, blowers and compressors
- for the food and pharmaceutical industry

Properties

- according to TRBS 2153, the wall is permanently capable of electrostatic discharge owing to the non-migrating antistatic material: electrical and surface resistance <math>< 10^9 \Omega</math>, recommended for transporting inflammable bulk materials
- heavy model
- smooth interior
- optimized flow properties

- flexible with low weight
- increased pressure and vacuum resistance
- high tensile strength and tear resistant
- food grade wall, complies with: EU Directive 2002/72/EC, incl. the latest Amending Directive 975/2009/EC
- approved by an independent testing laboratory for the complete hose acc. to EU Directive 2002/72/EC, incl. amending Directive 2007/19/EC
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to mineral oils and gasoline
- 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
- conform to RoHS guideline

Temperature Range

- -40 °C approx. to +90 °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: permanently antistatic premium ether-polyurethane (Pre-PUR®)
 3. wall thickness 1.5 mm approx.

Delivery variants






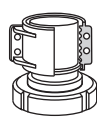
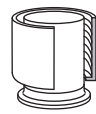


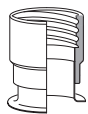
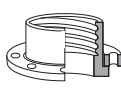



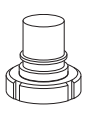

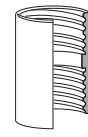
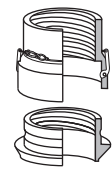
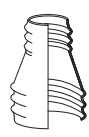
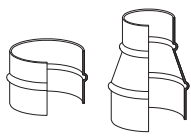
- cut lengths and special lengths
- transparent (standard)
- customer-specific product marking
- wall: „bioplastic“ material derived from renewable raw materials without food applicability
- as a pre-assembled hose system with NORCONNECT connectors
- customised connectors

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					
25	32	3,470	0,900	32	0,280	10	-	355-0025-1018
32	42	3,095	0,875	42	0,440	10	-	355-0032-1018
38	48	2,925	0,865	48	0,520	10	-	355-0038-1018
40	50	2,900	0,855	50	0,540	10	-	355-0040-1018
50	60	2,330	0,835	60	0,660	10	-	355-0050-1018
60	70	1,955	0,730	70	0,780	10	-	355-0060-1018
65	75	1,815	0,675	75	0,840	10	-	355-0065-1018
70	81	1,690	0,605	97	0,980	10	-	355-0070-1018
75	86	1,575	0,555	103	1,050	10	-	355-0075-1018
80	91	1,480	0,505	109	1,110	10	-	355-0080-1018
100	111	1,190	0,355	133	1,490	10	-	355-0100-1018
110	121	1,085	0,325	145	1,630	-	10	355-0110-1018
120	131	1,000	0,280	157	1,770	-	10	355-0120-1018
125	136	0,960	0,265	163	1,840	-	10	355-0125-1018
150	161	0,800	0,180	193	2,410	-	10	355-0150-1018

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
- 13.2.0  NORCLAMP 216
- 13.5.0  NORCLAMP 212 EC
- 13.6.0  NORCLAMP 217
- 13.7.0  NORCLAMP 213
- 13.7.6  NORCONNECT 231
- 13.7.7  NORCONNECT 232
- 13.8.0  NORCONNECT 240 + 241
- 13.9.0  NORCONNECT 242
- 13.10.0  NORCONNECT 243
- 13.11.0  NORCONNECT 244
- 13.12.0  NORCONNECT 245
- 13.12.2  NORCONNECT 245 CSH
- 13.12.5  NORCONNECT INOX 245
- 13.12.6  NORCONNECT INOX 247
- 13.12.7  NORCONNECT INOX 249
- 13.13.0  NORCONNECT 246
- 13.13.5  NORCONNECT 248
- 13.14.0  NORCONNECT 223
- 13.18.0  NORCONNECT 270-271