

High-temperature suction and blast hose; Medium-heavy, smooth interior, HT-PUR up to +150 °C

Applications: Special and abrasion-proof suction and transport hose, especially suitable:

- for hot and abrasive solids such as dust, powder, fibres, chips and granulates
- for gaseous and liquid media
- for de-dusting and suction plants, industrial vacuum cleaners, suction of paper and textile fibres
- for printing machines, blowers and compressors

Properties

- very good heat resistance (better than comparable TPE and Neoprene)
- 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
- good resistance to mineral oils and gasoline
- good resistance to chemicals
- good resistance to UV and ozone
- 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

- -40 °C approx. to +125 °C approx.
- short time to +150 °C approx.

Design, material

AIRDUC® profile hose

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

Delivery variants

- cut lengths and special lengths
- black (standard)
- customer-specific product marking
- as a pre-assembled hose system with NORCONNECT 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	2,825	0,495	40	0,200	-	10 15	351-0025-1015
30	38	2,375	0,475	48	0,260	-	10 15	351-0030-1015
32	40	2,225	0,460	51	0,280	10	15	351-0032-1015
35	43	2,035	0,440	54	0,300	-	10 15	351-0035-1015
38	46	1,885	0,430	59	0,320	10	15	351-0038-1015
40	48	1,795	0,420	61	0,340	10	15	351-0040-1015
45	53	1,600	0,385	67	0,380	10	15	351-0045-1015
50	58	1,440	0,365	74	0,410	10	15	351-0050-1015
55	63	1,320	0,330	79	0,450	-	10 15	351-0055-1015
60	68	1,205	0,285	86	0,490	10	15	351-0060-1015
65	73	1,110	0,255	92	0,530	10	15	351-0065-1015
70	79	1,040	0,210	100	0,590	10	15	351-0070-1015
75	84	0,965	0,195	106	0,640	10	15	351-0075-1015
80	89	0,905	0,175	113	0,680	10	15	351-0080-1015
90	99	0,810	0,155	125	0,750	-	10 15	351-0090-1015
100	109	0,725	0,120	138	0,970	10	15	351-0100-1015
102	111	0,715	0,120	140	0,990	-	10 15	351-0102-1015
110	119	0,660	0,110	151	1,060	-	10 15	351-0110-1015
115	124	0,635	0,105	156	1,110	-	10 15	351-0115-1015
120	129	0,610	0,105	163	1,160	-	10 15	351-0120-1015
125	134	0,590	0,085	169	1,200	10	15	351-0125-1015
127	136	0,570	0,085	170	1,220	-	10 15	351-0127-1015
130	139	0,560	0,085	176	1,250	-	10 15	351-0130-1015
140	149	0,520	0,085	189	1,340	-	10 15	351-0140-1015
150	159	0,485	0,075	201	1,520	10	15	351-0150-1015
160	169	0,457	0,065	214	1,610	-	10 15	351-0160-1015
170	179	0,430	0,065	224	1,710	-	10 15	351-0170-1015
175	184	0,420	0,055	232	1,760	-	10 15	351-0175-1015
180	189	0,405	0,055	239	1,810	-	10 15	351-0180-1015
200	209	0,370	0,055	265	2,000	10	15	351-0200-1015



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	
203	212	0,365	0,055	268	2,030	-	10 15	351-0203-1015
225	234	0,325	0,040	296	2,160	-	10 15	351-0225-1015
250	259	0,295	0,020	328	2,390	-	10 15	351-0250-1015
275	284	0,270	0,020	359	2,630	-	10	351-0275-1015
280	289	0,265	0,020	366	2,670	-	10	351-0280-1015
300	309	0,240	0,020	391	2,860	-	10	351-0300-1015
315	324	0,230	0,020	409	3,000	-	10	351-0315-1015
320	329	0,225	0,020	416	3,050	-	10	351-0320-1015
325	334	0,225	0,015	422	3,100	-	10	351-0325-1015
350	359	0,210	0,015	454	3,330	-	10	351-0350-1015
375	384	0,195	0,010	488	3,900	-	10	351-0375-1015
400	409	0,180	0,010	518	4,270	-	10	351-0400-1015
450	459	0,165	0,010	584	4,800	-	10	351-0450-1015
500	509	0,150	0,010	650	5,330	-	10	351-0500-1015

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



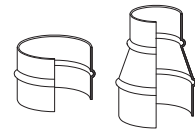
NORCLAMP 217

13.7.0



NORCLAMP 213

13.18.0



NORCONNECT 270-271

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