

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

## Accessories

13.1.0



NORCLAMP 212

13.5.0



NORCLAMP 212 EC

13.6.0



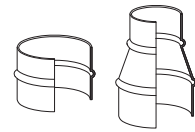
NORCLAMP 217

13.7.0



NORCLAMP 213

13.18.0



NORCONNECT 270-271