

High-temperature suction and transport hose; Super-heavy, smooth interior, vacuum-proof, HT-PUR up to +150 °C

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

- for high flow-rates of hot and and extremely abrasive solids such as sand, gravel, grain, refuse glass and chips
- for gaseous and liquid media
- for silo vehicles
- as conveying hose in glassworks, docks, steel-works, quarries, shipyards, cementworks etc.

Properties

- very good heat resistance (better than comparable TPE and Neoprene)
- super-heavy model
- extremely abrasion-proof with reinforcement underneath wire and narrow hose pitch (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 with low weight
- very high pressure, vacuum and compression resistance
- high axial strength
- 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 2.0 - 2.5 mm approx.
4. reinforcement of the primary abrasion areas

Delivery variants

- cut lengths and special lengths
- black (standard)
- customer-specific product marking

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					
32	43	5,350	1,000	124	0,680	-	10 15	356-0032-1015
38	49	4,570	1,000	142	0,790	-	10 15	356-0038-1015
40	51	4,360	1,000	148	0,820	-	10 15	356-0040-1015
45	56	3,935	1,000	162	0,910	-	10 15	356-0045-1015
50	61	3,805	1,000	177	1,000	10	15	356-0050-1015
55	66	3,560	1,000	190	1,090	-	10 15	356-0055-1015
60	71	3,280	1,000	205	1,180	10	15	356-0060-1015
65	76	3,030	1,000	218	1,270	-	10 15	356-0065-1015
70	82	2,825	1,000	238	1,370	10	15	356-0070-1015
75	87	2,645	1,000	252	1,460	-	10 15	356-0075-1015
80	92	2,575	1,000	267	1,550	10	15	356-0080-1015
90	103	2,205	1,000	329	2,060	-	10 15	356-0090-1015
100	113	1,995	1,000	361	2,270	-	10 15	356-0100-1015
102	115	1,965	1,000	367	2,310	10	15	356-0102-1015
110	123	1,815	0,985	393	2,480	-	10 15	356-0110-1015
115	128	1,745	0,960	409	2,580	-	10 15	356-0115-1015
120	133	1,675	0,935	425	2,690	-	10 15	356-0120-1015
125	138	1,610	0,900	440	2,800	-	10 15	356-0125-1015
127	140	1,580	0,890	446	2,840	10	15	356-0127-1015
130	143	1,550	0,865	456	2,900	-	10 15	356-0130-1015
140	153	1,435	0,840	489	3,110	-	10 15	356-0140-1015
150	163	1,335	0,840	522	3,680	-	10 15	356-0150-1015
152	165	1,325	0,835	529	3,720	10	15	356-0152-1015
160	173	1,260	0,805	554	3,910	-	10 15	356-0160-1015
170	183	1,180	0,780	676	4,150	-	10 15	356-0170-1015
175	188	1,150	0,755	695	4,260	-	10 15	356-0175-1015
180	193	1,115	0,740	714	4,380	-	10 15	356-0180-1015
200	214	1,010	0,660	876	4,860	-	10 15	356-0200-1015



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.

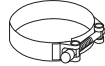
Accessories

13.2.0



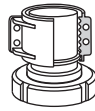
NORCLAMP 216

13.4.0



NORCLAMP 211

13.7.6



NORCONNECT 231

13.7.7



NORCONNECT 232

13.12.2



NORCONNECT 245 CSH