



### Suction and transport hose; Heavy, smooth interior

**Applications:** Universal suction and transport hose, especially suitable:

- for solids such as powder, chips and pellets
- for gaseous and liquid media
- for de-dusting and suction plants, air conditioning and ventilation

**Properties**

- heavy model
- smooth interior
- optimized flow properties
- flexible with low weight
- increased pressure and vacuum resistance
- good resistance to alkalis and acids
- good resistance to chemicals
- good resistance to UV and ozone
- small bending radius

- kink-proof
- gas and liquid tight
- free of phthalat
- flame-retardant according to: UL94-HB
- 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**

- -20 °C approx. to +70 °C approx.
- short time to +80 °C approx.

**Design, material**

AIRDUC® profile hose

1. spring steel wire firmly embedded in wall
2. profile with optimised flow properties wall: high grade soft PVC
3. wall thickness 1.5 mm approx.

**Delivery variants**

- cut lengths and special lengths
- grey (standard)
- special colours: transparent, full coloured
- customer-specific product marking
- wall: „bioplastic“ material derived from renewable raw materials without UL approval
- 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					
20	28	2,050	0,950	28	0,280	10	15	345-0020-0000
25	33	1,730	0,935	33	0,330	10	15	345-0025-0000
30	40	1,700	0,915	40	0,450	10	15	345-0030-0000
32	42	1,690	0,905	42	0,470	10	15	345-0032-0000
35	45	1,550	0,900	45	0,510	10	15	345-0035-0000
38	48	1,440	0,895	48	0,550	10	15	345-0038-0000
40	50	1,370	0,875	50	0,570	10	15	345-0040-0000
42	52	1,310	0,860	52	0,600	10	15	345-0042-0000
45	55	1,225	0,850	55	0,640	-	10 15	345-0045-0000
50	60	1,260	0,840	60	0,700	10 15	-	345-0050-0000
55	65	1,150	0,785	65	0,760	-	10 15	345-0055-0000
60	70	1,050	0,705	70	0,830	10 15	-	345-0060-0000
65	75	0,980	0,625	75	0,890	10	15	345-0065-0000
70	82	0,915	0,560	98	1,060	10	15	345-0070-0000
75	87	0,855	0,515	104	1,130	10	15	345-0075-0000
80	92	0,805	0,480	110	1,200	10	15	345-0080-0000
85	97	0,755	0,450	116	1,270	10	15	345-0085-0000
90	102	0,715	0,405	122	1,340	10	15	345-0090-0000
100	112	0,645	0,335	134	1,480	10	15	345-0100-0000
105	117	0,615	0,320	140	1,550	10	15	345-0105-0000
110	122	0,590	0,300	146	1,620	10	15	345-0110-0000
115	127	0,565	0,280	152	1,680	10	15	345-0115-0000
120	132	0,540	0,270	158	1,750	10	15	345-0120-0000
125	137	0,520	0,260	164	1,820	10	15	345-0125-0000
130	142	0,500	0,245	170	1,890	10	15	345-0130-0000
140	152	0,465	0,225	182	2,030	10	15	345-0140-0000
150	162	0,435	0,190	194	2,330	10	15	345-0150-0000
160	172	0,405	0,170	206	2,480	10	15	345-0160-0000
170	182	0,385	0,150	218	2,630	-	10 15	345-0170-0000
175	187	0,375	0,140	224	2,700	-	10 15	345-0175-0000



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	
180	192	0,360	0,130	230	2,780	10	15	345-0180-0000
200	213	0,325	0,090	256	3,140	10	15	345-0200-0000
215	228	0,305	0,085	274	3,360	-	10 15	345-0215-0000
225	238	0,290	0,080	286	3,520	-	10 15	345-0225-0000
250	263	0,260	0,065	316	3,900	10	15	345-0250-0000
275	288	0,240	0,060	346	4,280	-	10	345-0275-0000
280	293	0,235	0,060	352	4,350	-	10	345-0280-0000
300	313	0,220	0,055	376	4,660	10	-	345-0300-0000
315	328	0,210	0,055	394	5,300	10	-	345-0315-0000
320	333	0,205	0,050	400	5,380	-	10	345-0320-0000
325	338	0,200	0,050	406	5,470	10	-	345-0325-0000
350	363	0,185	0,045	436	5,880	-	10	345-0350-0000
375	388	0,175	0,040	466	6,290	-	10	345-0375-0000
400	413	0,165	0,035	496	6,670	-	10	345-0400-0000
450	463	0,145	0,030	556	8,850	-	10	345-0450-0000
500	513	0,130	0,020	616	9,820	-	10	345-0500-0000

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

