



Suction and blast hose; Super-light, highly flexible + compressible 3:1

Applications: Universal suction and blast hose, especially suitable:

- for powdery solids such as dust, powder and fibres
- for gaseous media such as vapors and smoke
- for air conditioning and ventilation technique

Properties

- excellent value for money (patented process, always shipped compressed, low transport costs and risk, occupies minimal space in warehouse)
- super-light model
- highly flexible + compressible 3:1
- optimized flow properties
- 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 the German TRBS 2153 (formerly BGR 132), the spiral can be earthed

Temperature Range

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

Design, material

PROTAPE® tape hose

1. spring steel wire integrated in wall
2. extruded tape
wall: high grade soft PVC
3. wall thickness 0.6 mm approx.

Delivery variants

- grey (standard)
- special colours: transparent, full coloured
- customer-specific product marking
- wall: „bioplastic“ material derived from renewable raw materials without UL approval

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					
30	37	0,670	0,200	37	0,240	5 10	15	310-0030-0000
32	39	0,630	0,200	39	0,260	5 10	15	310-0032-0000
35	42	0,580	0,190	42	0,280	5 10	15	310-0035-0000
38	45	0,550	0,185	45	0,300	-	5 10 15	310-0038-0000
40	47	0,510	0,180	47	0,320	5 10	15	310-0040-0000
45	52	0,460	0,165	52	0,350	5 10	15	310-0045-0000
50	58	0,410	0,155	58	0,310	5 10	15	310-0050-0000
55	63	0,370	0,140	63	0,330	5 10	15	310-0055-0000
60	68	0,340	0,120	68	0,360	5 10	15	310-0060-0000
65	73	0,315	0,105	73	0,390	5 10	15	310-0065-0000
70	78	0,290	0,090	78	0,420	5 10	15	310-0070-0000
75	83	0,270	0,085	83	0,450	5 10	15	310-0075-0000
80	88	0,255	0,075	88	0,470	5 10 15	-	310-0080-0000
90	98	0,230	0,065	98	0,530	5 10	15	310-0090-0000
100	108	0,205	0,050	108	0,570	5 10 15	-	310-0100-0000
110	118	0,185	0,045	118	0,620	5 10	15	310-0110-0000
115	123	0,180	0,045	123	0,650	5 10	15	310-0115-0000
120	128	0,170	0,045	128	0,680	5 10	15	310-0120-0000
125	133	0,165	0,035	133	0,710	5 10	15	310-0125-0000
130	138	0,160	0,035	138	0,730	-	5 10 15	310-0130-0000
140	148	0,150	0,035	148	0,790	5 10	15	310-0140-0000
150	158	0,140	0,035	158	0,840	5 10	15	310-0150-0000
160	168	0,130	0,030	168	0,870	5 10	15	310-0160-0000
170	178	0,120	0,030	178	0,950	-	5 10 15	310-0170-0000
175	183	0,120	0,030	183	0,980	-	5 10 15	310-0175-0000
180	188	0,115	0,025	188	1,000	5 10	15	310-0180-0000
200	208	0,105	0,025	208	1,110	5 10	15	310-0200-0000
215	223	0,095	0,020	223	1,190	-	5 10 15	310-0215-0000
225	233	0,090	0,015	233	1,250	-	5 10 15	310-0225-0000
250	258	0,080	0,010	258	1,390	5 10	15	310-0250-0000
275	283	0,075	0,010	283	1,500	-	5 10	310-0275-0000
280	288	0,075	0,010	288	1,550	-	5 10	310-0280-0000



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	
300	309	0,070	0,010	309	1,950	5 10	-	310-0300-0000
315	324	0,065	0,010	324	2,050	-	5 10	310-0315-0000
325	334	0,065	0,005	334	2,110	-	5 10	310-0325-0000
350	359	0,060	0,005	359	2,270	-	5 10	310-0350-0000
375	384	0,055	0,005	384	2,430	-	5 10	310-0375-0000
400	409	0,045	0,005	409	2,590	-	5 10	310-0400-0000
450	459	0,045	0,005	459	2,910	-	5 10	310-0450-0000
500	510	0,040	0,005	510	4,710	-	5 10	310-0500-0000

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.

Accessories

