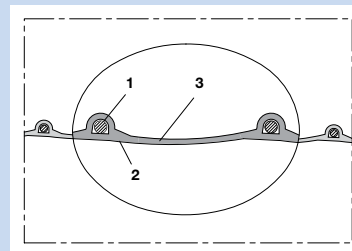


PROTAPE® PVC 310



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

Applications

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

Properties

- excellent price-performance ratio (generally submerged and packed in foil, low transport costs and risk, minimal storage capacity)
- 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 radiuses
- kink-proof
- free of phthalat
- 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

- -20°C to 70°C
- short time to 80°C

Design, Material

patented 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

- further diameters and lengths available on request
- grey (standard)
- special colours: transparent, full coloured
- customer-specific product marking
- wall: „bioplastic“ derived from renewable raw materials

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
- / 30	37	0,670	0,200	22,0	0,240	5 10	15	310-0030-0000
1,25 / 32	39	0,630	0,200	23,0	0,260	5 10	15	310-0032-0000
1,36 / 35	42	0,580	0,190	24,5	0,280	-	5 10 15	310-0035-0000
1,5 / 38	45	0,550	0,185	26,0	0,300	5 10	15	310-0038-0000
- / 40	47	0,510	0,180	27,0	0,320	5 10	15	310-0040-0000
1,75 / 44-45	52	0,460	0,165	29,5	0,350	-	5 10 15	310-0045-0000
2 / 50-51	58	0,410	0,155	33,0	0,310	5 10	15	310-0050-0000
- / 55	63	0,370	0,140	35,5	0,330	-	5 10 15	310-0055-0000
2,36 / 60	68	0,340	0,120	38,0	0,360	5 10	15	310-0060-0000
2,5 / 63-65	73	0,315	0,105	40,5	0,390	5 10	15	310-0065-0000
- / 70	78	0,290	0,090	43,0	0,420	5 10	15	310-0070-0000
3 / 75-76	83	0,270	0,085	45,5	0,450	5 10	15	310-0075-0000
- / 80	88	0,255	0,075	48,0	0,470	5 10 15	-	310-0080-0000
3,5 / 89-90	98	0,230	0,065	53,0	0,530	5 10	15	310-0090-0000
4 / 100-102	108	0,205	0,050	58,0	0,570	5 10 15	-	310-0100-0000
- / 110	118	0,185	0,045	63,0	0,620	5 10	15	310-0110-0000
4,5 / 114-115	123	0,180	0,045	65,5	0,650	5 10	15	310-0115-0000
4,72 / 120	128	0,170	0,045	68,0	0,680	5 10	15	310-0120-0000
5 / 125-127	133	0,165	0,035	70,5	0,710	5 10	15	310-0125-0000
- / 130	138	0,160	0,035	73,0	0,730	-	5 10 15	310-0130-0000
5,5 / 140	148	0,150	0,035	78,0	0,790	5 10	15	310-0140-0000
6 / 150-152	158	0,140	0,035	83,0	0,840	5 10	15	310-0150-0000
6,3 / 160	168	0,130	0,030	88,0	0,870	5 10	15	310-0160-0000
6,5 / 165	173	0,125	0,030	90,5	0,910	-	5 10 15	310-0165-0000
- / 170	178	0,120	0,030	93,0	0,950	-	5 10 15	310-0170-0000
- / 175	183	0,120	0,030	95,5	0,980	-	5 10 15	310-0175-0000
7 / 178-180	188	0,115	0,025	98,0	1,000	5 10	15	310-0180-0000

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
8 / 200-203	208	0,105	0,025	108,0	1,110	5 10	15	310-0200-0000
- / 215	223	0,095	0,020	115,5	1,190	-	5 10 15	310-0215-0000
- / 225	233	0,090	0,015	120,5	1,250	5 10	15	310-0225-0000
9 / 228-229	236	0,082	0,012	121,5	1,270	-	5 10 15	310-0228-0000
- / 250	258	0,080	0,010	133,0	1,390	5 10	15	310-0250-0000
10 / 254	262	0,079	0,010	135,0	1,410	-	5 10 15	310-0254-0000
- / 275	283	0,075	0,010	145,5	1,500	-	5 10	310-0275-0000
11 / 280	288	0,075	0,010	148,0	1,550	-	5 10	310-0280-0000
- / 300	309	0,070	0,010	159,0	1,950	5 10	-	310-0300-0000
12 / 305	314	0,068	0,010	161,5	1,980	-	5 10	310-0305-0000
- / 315	324	0,065	0,010	166,5	2,050	-	5 10	310-0315-0000
- / 325	334	0,065	0,005	171,5	2,110	-	5 10	310-0325-0000
13 / 330	339	0,064	0,005	175,6	2,160	-	5 10	310-0330-0000
- / 350	359	0,060	0,005	184,0	2,270	-	5 10	310-0350-0000
14 / 356	365	0,058	0,005	187,0	2,310	-	5 10	310-0356-0000
- / 375	384	0,055	0,005	196,5	2,430	-	5 10	310-0375-0000
- / 400	409	0,045	0,005	209,0	2,590	-	5 10	310-0400-0000
16 / 405-406	415	0,045	0,005	212,0	2,628	-	5 10	310-0406-0000
- / 450	459	0,045	0,005	234,0	2,910	-	5 10	310-0450-0000
18 / 457	466	0,043	0,005	238,0	3,160	-	5 10	310-0457-0000
- / 500	510	0,040	0,005	260,0	4,710	-	5 10	310-0500-0000
20 / 508	518	0,037	0,005	265,0	5,000	-	5 10	310-0508-0000

Accessories



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 223



CONNECT 270-271

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at www.norres.com. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.