

Abrasion-proof and antistatic suction and blast hose; PUR <math><10^9 \Omega</math>, super-light, highly flexible + compressible 3:1

Applications

- for abrasive solids such as dust, powder, fibres and chips
- for gaseous media such as oil vapors and welding smoke
- for de-dusting and suction plants

Properties

- excellent price-preformance ratio (generally submerged and packed in foil, low transport costs and risk, minimal storage capacity)
- the wall is permanently capable of electrostatic discharge owing to the non-migrating antistatic material: electrical and surface resistance approx. $10^9 \Omega$
- super-light model
- highly flexible + compressible 3:1

- 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 PVCs)
- high tensile strength and tear resistant
- good resistance to oil, gasoline and chemicals
- good resistance to UV and ozone
- small bending radiuses
- kink-proof
- free of softener and halogen
- gas and liquid tight
- conform to RoHS guideline

Temperature Range

- -40°C to 90°C
- short time to 125°C

Design, Material

patented PROTAPE® tape hose

1. spring steel wire integrated in wall
2. extruded tape; wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
3. wall thickness 0,4 mm approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking
- wall: „bioplastic“ derived from renewable raw materials
- wall: microbe and hydrolysis resistant premium ether-polyurethane (Pre-PUR®)

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.
1,5 / 38	46	0,610	0,265	27,0	0,220	5 10 15	-	301-0038-0000
- / 40	48	0,590	0,250	28,0	0,230	5 10 15	-	301-0040-0000
1,75 / 44-45	53	0,530	0,235	30,5	0,255	-	5 10 15	301-0045-0000
2 / 50-51	58	0,490	0,216	33,0	0,280	5 10 15	-	301-0050-0000
2,36 / 60	68	0,410	0,171	38,0	0,340	5 10 15	-	301-0060-0000
2,5 / 63-65	73	0,380	0,150	40,5	0,360	5 10 15	-	301-0065-0000
- / 70	78	0,350	0,126	43,0	0,380	5 10 15	-	301-0070-0000
3 / 75-76	83	0,330	0,117	45,5	0,410	5 10 15	-	301-0075-0000
- / 80	88	0,310	0,108	48,0	0,440	5 10 15	-	301-0080-0000
3,5 / 89-90	98	0,285	0,090	53,0	0,490	5 10 15	-	301-0090-0000
4 / 100-102	108	0,250	0,072	58,0	0,510	5 10 15	-	301-0100-0000
- / 110	118	0,225	0,066	63,0	0,560	-	5 10 15	301-0110-0000
4,5 / 114-115	123	0,215	0,064	65,5	0,580	5 10 15	-	301-0115-0000
4,72 / 120	128	0,205	0,063	68,0	0,610	5 10 15	-	301-0120-0000
5 / 125-127	133	0,200	0,050	70,5	0,630	5 10 15	-	301-0125-0000
- / 130	138	0,190	0,050	73,0	0,660	-	5 10 15	301-0130-0000
5,5 / 140	148	0,175	0,050	78,0	0,710	5 10 15	-	301-0140-0000
6 / 150-152	158	0,165	0,050	83,0	0,760	5 10 15	-	301-0150-0000
6,3 / 160	168	0,155	0,043	88,0	0,810	5 10 15	-	301-0160-0000
6,5 / 165	173	0,150	0,041	90,5	0,830	-	5 10 15	301-0165-0000
- / 170	178	0,145	0,038	93,0	0,860	-	5 10 15	301-0170-0000
- / 175	183	0,140	0,036	95,5	0,880	-	5 10 15	301-0175-0000
7 / 178-180	188	0,135	0,033	98,0	0,900	5 10 15	-	301-0180-0000
8 / 200-203	208	0,120	0,033	108,0	1,030	5 10 15	-	301-0200-0000
- / 225	234	0,110	0,023	121,5	1,160	5 10 15	-	301-0225-0000
9 / 228-229	237	0,110	0,023	123,0	1,190	-	5 10 15	301-0228-0000

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.
- / 250	269	0,100	0,015	144,0	1,280	5 10	-	301-0250-0000
10 / 254	263	0,098	0,014	136,0	1,300	5 10	-	301-0254-0000
- / 275	284	0,090	0,012	146,5	1,400	-	5 10	301-0275-0000
11 / 280	289	0,090	0,012	149,0	1,430	5 10	-	301-0280-0000
- / 300	309	0,080	0,011	159,0	1,700	5 10	-	301-0300-0000
12 / 305	315	0,080	0,011	162,5	1,730	5 10	-	301-0305-0000
- / 315	325	0,076	0,010	167,5	1,790	-	5 10	301-0315-0000
- / 325	335	0,075	0,010	172,5	1,850	-	5 10	301-0325-0000
13 / 330	340	0,074	0,009	175,0	1,880	-	5 10	301-0330-0000
- / 350	360	0,070	0,005	185,0	2,000	5 10	-	301-0350-0000
14 / 356	366	0,069	0,005	190,0	2,100	5 10	-	301-0356-0000
- / 400	410	0,060	0,005	210,0	2,260	5 10	-	301-0400-0000
16 / 405-406	416	0,059	0,005	215,0	2,300	-	5 10	301-0406-0000
- / 450	460	0,055	0,005	235,0	2,520	5 10	-	301-0450-0000
18 / 457	467	0,054	0,005	240,0	2,600	-	5 10	301-0457-0000
- / 500	510	0,050	0,005	260,0	2,780	5 10	-	301-0500-0000
20 / 508	518	0,049	0,005	265,0	2,820	-	5 10	301-0508-0000

Accessories



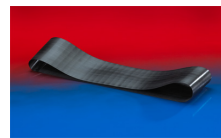
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



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.