

Antistatic polyurethane hose, super-light, microbe resistant + flame-retardant

Applications

- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- extraction unit, dedusting system, filter system, oil mist extraction
- extraction arm
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area
- animal stall, animal shed: barn ventilation
- bus, utility vehicle, caravan/ trailer, mobile home/ camper/ RV, boat, ship/ vessel/ marine, yacht: ventilation, heating
- clean room ventilation, semiconductor production machine
- bellows, compensators

- super-light weight
- highly flexible + compressible 3:1
- abrasion-resistant
- microbe resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- flame-retardant according to: UL94-HB
- flame-retardant according to: DIN 4102-B1
- permanently antistatic wall: electrical and surface resistance <math><10^9 \Omega</math>
- in accordance with ATEX 2014/34/EU and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- according to DIN 26057 Type 1
- conforms to RoHS guideline

Temperature Range

- 40°C to 90°C
- short time to 125°C

Design, Material

patented PROTAPE® tape hose

- spring steel wire integrated in wall
- wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- 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 branding

Properties

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	0,285	27	0,220	5 10 15	-	301-0038-0000
- / 40	48	0,590	0,270	28	0,230	5 10 15	-	301-0040-0000
1,75 / 44-45	53	0,530	0,254	31	0,255	-	5 10 15	301-0045-0000
2 / 50-51	58	0,490	0,259	33	0,280	5 10 15	-	301-0050-0000
2,36 / 60	68	0,410	0,205	38	0,340	5 10 15	-	301-0060-0000
2,5 / 63-65	73	0,380	0,183	40	0,360	5 10 15	-	301-0065-0000
- / 70	78	0,350	0,150	43	0,380	5 10 15	-	301-0070-0000
3 / 75-76	83	0,330	0,140	45	0,410	5 10 15	-	301-0075-0000
- / 80	88	0,310	0,130	48	0,440	5 10 15	-	301-0080-0000
3,5 / 89-90	98	0,285	0,113	53	0,490	5 10 15	-	301-0090-0000
4 / 100-102	108	0,250	0,085	58	0,510	5 10 15	-	301-0100-0000
- / 110	118	0,225	0,081	63	0,560	-	5 10 15	301-0110-0000
4,5 / 114-115	123	0,215	0,075	66	0,580	5 10 15	-	301-0115-0000
4,72 / 120	128	0,205	0,075	68	0,610	5 10 15	-	301-0120-0000
5 / 125-127	133	0,200	0,060	71	0,630	5 10 15	-	301-0125-0000
- / 130	138	0,190	0,060	73	0,660	-	5 10 15	301-0130-0000
5,5 / 140	148	0,175	0,055	78	0,710	5 10 15	-	301-0140-0000
6 / 150-152	158	0,165	0,055	83	0,760	5 10 15	-	301-0150-0000
6,3 / 160	168	0,155	0,048	88	0,810	5 10 15	-	301-0160-0000
6,5 / 165	173	0,150	0,048	91	0,830	-	5 10 15	301-0165-0000
- / 170	178	0,145	0,044	93	0,860	-	5 10 15	301-0170-0000

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.
- / 175	183	0,140	0,044	96	0,880	-	5 10 15	301-0175-0000
7 / 178-180	188	0,135	0,038	98	0,900	5 10 15	-	301-0180-0000
8 / 200-203	208	0,120	0,038	108	1,030	5 10 15	-	301-0200-0000
- / 225	234	0,110	0,027	122	1,160	5 10 15	-	301-0225-0000
9 / 228-229	237	0,110	0,027	123	1,190	-	5 10 15	301-0228-0000
- / 250	259	0,100	0,016	136	1,280	5 10	-	301-0250-0000
10 / 254	263	0,098	0,016	144	1,300	5 10	-	301-0254-0000
- / 275	284	0,090	0,016	147	1,400	-	5 10	301-0275-0000
11 / 280	289	0,090	0,010	149	1,430	5 10	-	301-0280-0000
- / 300	309	0,080	0,010	159	1,700	5 10	-	301-0300-0000
12 / 305	315	0,080	0,010	163	1,730	5 10	-	301-0305-0000
- / 315	325	0,076	0,010	168	1,790	-	5 10	301-0315-0000
- / 325	335	0,075	0,010	173	1,850	-	5 10	301-0325-0000
13 / 330	340	0,074	0,010	175	1,880	-	5 10	301-0330-0000
- / 350	360	0,070	0,010	185	2,000	5 10	-	301-0350-0000
14 / 356	366	0,069	0,010	190	2,100	5 10	-	301-0356-0000
- / 400	410	0,060	0,007	210	2,260	5 10	-	301-0400-0000
16 / 405-406	416	0,059	0,005	215	2,300	-	5 10	301-0406-0000
- / 450	460	0,055	0,005	235	2,520	5 10	-	301-0450-0000
18 / 457	467	0,054	0,005	240	2,600	-	5 10	301-0457-0000
- / 500	510	0,050	0,005	260	2,780	5 10	-	301-0500-0000
20 / 508	518	0,049	0,005	265	2,820	-	5 10	301-0508-0000

Accessories



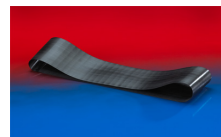
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

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