



Antistatic food hose and pharmaceutical hose, light, stainless steel (INOX)

Applications

- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- food industry, pharmaceutical industry: food-stuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- extraction arm
- explosion hazard area

Properties

- lightweight and reinforced
- highly flexible + compressible 3:1
- abrasion-resistant

- approved by an independent testing laboratory for the complete hose acc. to EU Directive 10/2011 and the latest Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600
- Approval acc. to EU Directive 10/2011 (food simulant E)
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- permanently antistatic wall: electrical and surface resistance $<10^9 \Omega$
- 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)
- manufacturing process acc. GMP EC 2023/2006

- conforms to RoHS guideline

Temperature Range

- 40°C to 90°C

Design, Material

patented PROTAPE® tape hose

- spring steel wire integrated in wall; spiral: stainless steel wire (INOX)
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 0,6 mm approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- customer-specific branding

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	45	1,055	0,320	26	0,22	5 10	-	330-0038-1018
- / 40	47	1,015	0,315	27	0,24	5 10	-	330-0040-1018
1,75 / 44-45	53	0,915	0,295	30	0,26	-	5 10	330-0045-1018
2 / 50-51	58	0,815	0,275	33	0,38	5 10	-	330-0050-1018
2,36 / 60	68	0,680	0,258	38	0,44	5 10	-	330-0060-1018
2,5 / 63-65	73	0,630	0,225	41	0,47	5 10	-	330-0065-1018
- / 70	78	0,585	0,188	43	0,51	5 10	-	330-0070-1018
3 / 75-76	83	0,545	0,156	46	0,55	5 10	-	330-0075-1018
- / 80	88	0,510	0,145	48	0,58	5 10	-	330-0080-1018
3,5 / 89-90	98	0,455	0,135	53	0,65	-	5 10	330-0090-1018
4 / 100-102	108	0,410	0,120	58	0,69	5 10	-	330-0100-1018
- / 110	118	0,375	0,095	63	0,75	-	5 10	330-0110-1018
4,5 / 114-115	123	0,360	0,085	66	0,77	-	5 10	330-0115-1018
4,72 / 120	128	0,340	0,085	68	0,81	-	5 10	330-0120-1018
5 / 125-127	133	0,330	0,078	71	0,85	5 10	-	330-0125-1018
- / 130	138	0,320	0,063	73	0,88	-	5 10	330-0130-1018
5,5 / 140	148	0,300	0,063	78	0,94	-	5 10	330-0140-1018
6 / 150-152	158	0,275	0,063	83	1,01	5 10	-	330-0150-1018
6,3 / 160	168	0,255	0,058	88	1,07	-	5 10	330-0160-1018
6,5 / 165	173	0,245	0,058	91	1,1	-	5 10	330-0165-1018
- / 170	178	0,235	0,058	93	1,13	-	5 10	330-0170-1018

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	0,225	0,048	96	1,16	-	5 10	330-0175-1018
7 / 178-180	188	0,215	0,042	98	1,2	5 10	-	330-0180-1018
8 / 200-203	208	0,205	0,042	108	1,35	5 10	-	330-0200-1018
- / 225	233	0,195	0,042	121	1,5	-	5 10	330-0225-1018
9 / 228-229	236	0,195	0,032	122	1,53	-	5 10	330-0228-1018
- / 250	258	0,180	0,032	133	1,67	-	5 10	330-0250-1018
10 / 254	262	0,175	0,016	135	1,69	-	5 10	330-0254-1018
- / 275	283	0,160	0,016	146	1,83	-	5 10	330-0275-1018
11 / 280	288	0,155	0,016	148	1,86	-	5 10	330-0280-1018
- / 300	308	0,140	0,016	158	2,17	-	5 10	330-0300-1018
12 / 305	313	0,135	0,016	161	2,21	-	5 10	330-0305-1018
- / 315	323	0,130	0,016	166	2,27	-	5 10	330-0315-1018
- / 325	333	0,125	0,010	171	2,35	-	5 10	330-0325-1018
13 / 330	338	0,120	0,010	173	2,38	-	5 10	330-0330-1018
- / 350	358	0,110	0,010	183	2,53	-	5 10	330-0350-1018
14 / 356	364	0,105	0,010	186	2,57	-	5 10	330-0356-1018
- / 400	408	0,080	0,010	208	2,88	-	5 10	330-0400-1018
16 / 405-406	414	0,075	0,010	211	2,93	-	5 10	330-0406-1018
- / 450	458	0,045	0,010	233	3,24	-	5 10	330-0450-1018
18 / 457	465	0,040	0,020	237	3,29	-	5 10	330-0457-1018
- / 500	508	0,015	0,010	258	4,44	-	5 10	330-0500-1018
20 / 508	516	0,010	0,010	262	4,51	-	5 10	330-0508-1018

Accessories



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

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