



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

Applications

- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- printed circuit board drilling machines (PCB)
- 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
- textile industry, fiber extraction: spinning machine, knitting machine, weaving loom machine
- animal stall, animal shed: barn ventilation
- clean room ventilation, semiconductor production machine
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine
- heating hose: exterior hose as protection hose

Properties

- lightweight and reinforced
- 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: 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: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside), for conveying for flammable liquids (inside zone 0, 1, 2), for conveying for non-flammable liquids, for use in zone 1 and 2 (gases), for use in zone 0 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- conforms to RoHS guideline

Temperature range

- 40°F to 195°F
- short time to 255°F

Design, Material

patented PROTAPE® tape hose

- spring steel wire integrated in wall
- wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- wall thickness 0.025-0.030 inch approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colors: partially colored, completely colored
- customer-specific branding

I.D. in / mm	O.D. in	Over- pressure psi	Under- pressure inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Further production lengths ft	Order No.
1 / 25	1.25	23.20	10.93	3/4	0.115	25 50	-	330-0025-1002
- / 30	1.46	19.50	10.48	7/8	0.135	-	25 50	330-0030-1002
1,25 / 32	1.54	18.25	10.34	0.91	0.140	-	25 50	330-0032-1002
1,5 / 38	1.75	15.35	9.45	1.02	0.170	25 50	-	330-0038-1002
- / 40	1.85	14.70	9.30	1.06	0.190	-	25 50	330-0040-1002
1,75 / 44-45	2.05	13.05	8.71	1.16	0.210	-	25 50	330-0045-1002
2 / 50-51	2.28	11.80	8.12	1.30	0.240	25 50	-	330-0050-1002
2,36 / 60	2.68	9.85	7.62	1.50	0.290	-	25 50	330-0060-1002
2,5 / 63-65	2.87	9.15	6.64	1.59	0.315	25 50	-	330-0065-1002
- / 70	3.07	8.50	5.55	1.69	0.335	-	25 50	330-0070-1002
3 / 75-76	3.27	7.90	4.61	1.79	0.355	25 50	-	330-0075-1002
- / 80	3.46	7.40	4.28	1.89	0.385	-	25 50	330-0080-1002
3,5 / 89-90	3.86	6.60	3.99	2.09	0.425	25 50	-	330-0090-1002
4 / 100-102	4.25	5.95	3.54	2.28	0.445	25 50	-	330-0100-1002
- / 110	4.65	5.45	2.81	2.50	0.490	-	25 50	330-0110-1002
4,5 / 114-115	4.84	5.15	2.51	2.58	0.510	25 50	-	330-0115-1002
4,72 / 120	5.04	4.95	2.51	2.68	0.530	-	25 50	330-0120-1002
5 / 125-127	5.24	4.80	2.30	2.78	0.550	25 50	-	330-0125-1002
- / 130	5.43	4.55	1.86	2.87	0.570	-	25 50	330-0130-1002
5,5 / 140	5.83	4.30	1.86	3.07	0.620	25 50	-	330-0140-1002
6 / 150-152	6.22	4.00	1.86	3.27	0.660	25 50	-	330-0150-1002

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68°F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.



I.D. in / mm	O.D. in	Over- pressure psi	Under- pressure inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Further production lengths ft	Order No.
6,3 / 160	6.61	3.70	1.71	3.46	0.700	-	25 50	330-0160-1002
6,5 / 165	6.81	3.60	1.71	3.56	0.720	-	25 50	330-0165-1002
- / 170	7.00	3.50	1.71	3.66	0.745	-	25 50	330-0170-1002
- / 175	7.20	3.40	1.42	3.76	0.765	-	25 50	330-0175-1002
7 / 178-180	7.40	3.35	1.24	3.86	0.785	25 50	-	330-0180-1002
8 / 200-203	8.19	2.95	1.24	4.25	1.035	25 50	-	330-0200-1002
- / 225	9.17	2.60	1.24	4.74	1.175	-	25 50	330-0225-1002
9 / 228-229	9.29	2.60	0.95	4.80	1.190	25 50	-	330-0228-1002
- / 250	10.16	2.40	0.95	5.24	1.275	-	25 50	330-0250-1002
10 / 254	10.31	2.40	0.47	5.31	1.305	25 50	-	330-0254-1002
- / 275	11.14	2.20	0.47	5.73	1.420	-	25	330-0275-1002
11 / 280	11.34	2.10	0.47	5.83	1.445	-	25	330-0280-1002
- / 300	12.17	1.95	0.47	6.26	1.700	-	25 50	330-0300-1002
12 / 305	12.36	1.95	0.47	6.36	1.725	25 50	-	330-0305-1002
- / 315	12.76	1.90	0.47	6.56	1.780	-	25	330-0315-1002
- / 325	13.15	1.80	0.30	6.75	1.840	-	25	330-0325-1002
13 / 330	13.35	1.80	0.30	6.85	1.880	-	25	330-0330-1002
- / 350	14.13	1.65	0.30	7.24	1.980	-	25	330-0350-1002
14 / 356	14.37	1.65	0.30	7.36	2.015	25	-	330-0356-1002
- / 400	16.10	1.50	0.30	8.23	2.260	-	25	330-0400-1002
16 / 405-406	16.34	1.50	0.30	8.35	2.290	25	-	330-0406-1002
- / 450	18.07	1.30	0.30	9.21	2.535	-	25	330-0450-1002
18 / 457	18.35	1.30	0.20	9.37	2.670	25	-	330-0457-1002
- / 500	20.08	1.15	0.15	10.24	3.465	-	25	330-0500-1002
20 / 508	20.39	1.15	0.15	10.43	3.615	25	-	330-0508-1002

Accessories



CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT 223



CONNECT 270-271

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