

Antistatic food hose and pharmaceutical hose, medium-heavy

Applications

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- 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
- explosion hazard area
- clean room ventilation, semiconductor production machine
- paper mill, paper and pulp industry: waste water, air extraction
- medical device/ medical technology, health-care sector: cable protection conduit, air supply hose, extraction hose

Properties

- medium-heavy duty
- highly abrasion resistant
- food grade wall, complies with: FDA 21 CFR Part 177.1680 and 177.2600
- odorless 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: 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)
- according to DIN 26057 Type 2

- conforms to RoHS guideline

Temperature range

- 40°F to 195°F
- short time to 255°F

Design, Material

AIRDUC® profile hose

- spring steel wire firmly embedded in wall
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 0.03 inch approx.

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- 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	37.50	18.00	0.89	0.130	25 50	-	350-0025-0000
- / 30	1.46	32.55	17.30	1.02	0.170	-	25 50	350-0030-0000
1.25 / 32	1.54	30.55	16.85	1.06	0.180	-	25 50	350-0032-0000
1.36 / 35	1.65	28.00	16.10	1.12	0.195	-	25 50	350-0035-0000
1.5 / 38	1.75	25.80	15.50	1.22	0.210	25 50	-	350-0038-0000
- / 40	1.85	19.75	14.90	1.25	0.220	-	25 50	350-0040-0000
1.75 / 44-45	2.05	20.15	13.60	1.36	0.250	-	25 50	350-0045-0000
2 / 50-51	2.24	19.60	12.85	1.50	0.270	25 50	-	350-0050-0000
- / 55	2.44	18.00	11.65	1.59	0.295	-	25 50	350-0055-0000
2.36 / 60	2.64	16.55	10.00	1.73	0.325	-	25 50	350-0060-0000
2.5 / 63-65	2.76	14.80	8.70	1.83	0.350	25 50	-	350-0065-0000
- / 70	3.03	14.15	7.25	1.97	0.375	-	25 50	350-0070-0000
3 / 75-76	3.20	13.20	6.50	2.07	0.395	25 50	-	350-0075-0000
- / 80	3.43	12.40	5.60	2.20	0.430	-	25 50	350-0080-0000
3.5 / 89-90	3.82	11.00	4.70	2.44	0.485	25 50	-	350-0090-0000
4 / 100-102	4.21	10.00	3.40	2.68	0.540	25 50	-	350-0100-0000
- / 110	4.61	9.05	3.10	2.91	0.585	-	25 50	350-0110-0000
4.5 / 114-115	4.80	8.70	2.95	3.01	0.605	25 50	-	350-0115-0000
4.72 / 120	5.00	8.25	2.80	3.15	0.640	-	25 50	350-0120-0000
5 / 125-127	5.20	8.00	2.35	3.25	0.660	25 50	-	350-0125-0000
- / 130	5.39	7.60	2.35	3.39	0.680	-	25 50	350-0130-0000

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.
5.5 / 140	5.79	7.10	2.35	3.62	0.730	25 50	-	350-0140-0000
6 / 150-152	6.18	6.60	2.20	3.86	0.940	25 50	-	350-0150-0000
6.3 / 160	6.57	6.00	1.90	4.09	1.010	-	25 50	350-0160-0000
6.5 / 165	6.77	5.80	1.75	4.17	1.035	-	25 50	350-0165-0000
- / 170	6.97	5.65	1.75	4.25	1.060	-	25 50	350-0170-0000
- / 175	7.17	5.15	1.50	4.43	1.095	-	25 50	350-0175-0000
7 / 178-180	7.36	5.10	1.50	4.57	1.120	25 50	-	350-0180-0000
8 / 200-203	8.15	4.55	1.50	5.04	1.250	25 50	-	350-0200-0000
- / 225	9.13	3.85	1.05	5.61	1.400	-	25 50	350-0225-0000
9 / 228-229	9.45	3.60	0.90	5.83	1.425	25 50	-	350-0228-0000
- / 250	10.12	3.50	0.60	6.22	1.550	-	25 50	350-0250-0000
10 / 254	10.28	3.40	0.60	6.30	1.580	25 50	-	350-0254-0000
- / 275	11.10	3.20	0.60	6.79	1.705	-	25	350-0275-0000
11 / 280	11.30	3.05	0.60	6.93	1.740	25	-	350-0280-0000
- / 300	12.09	2.90	0.60	7.40	1.860	-	25	350-0300-0000
12 / 305	12.28	2.85	0.55	7.50	1.890	25	-	350-0305-0000
- / 315	12.68	2.75	0.45	7.74	1.950	-	25	350-0315-0000
- / 325	13.07	2.70	0.45	7.97	2.010	-	25	350-0325-0000
13 / 330	13.27	2.65	0.45	8.09	2.045	-	25	350-0330-0000
- / 350	14.06	2.45	0.45	8.58	2.165	-	25	350-0350-0000
14 / 356	14.29	2.40	0.30	8.74	2.245	25	-	350-0356-0000
- / 400	16.02	2.20	0.30	9.76	2.800	-	25	350-0400-0000
16 / 405-406	16.26	2.15	0.30	9.96	2.840	25	-	350-0406-0000
- / 450	18.00	1.95	0.30	11.06	3.150	-	25	350-0450-0000
18 / 457	18.27	1.90	0.30	11.24	3.200	25	-	350-0457-0000
- / 500	19.96	1.75	0.30	12.32	3.495	-	25	350-0500-0000
20 / 508	20.28	1.70	0.30	12.52	3.550	25	-	350-0508-0000

Accessories



CLAMP 212



CLAMP 217



CLAMP 213



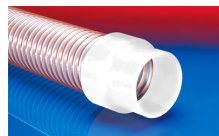
CONNECT 228


CONNECT MOULD
ASSEMBLY 233

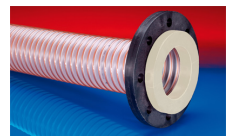
CONNECT THREAD
FITTING 234

CONNECT TRI-CLAMP
FITTING 245

CONNECT DAIRY FITTING
247

CONNECT ASEPTIC
FITTING 249

CONNECT 240 + 241
FOOD


CONNECT 243 FOOD



CONNECT 244 FOOD



CONNECT 245 FOOD



CONNECT 246 FOOD



CONNECT 223



CONNECT 270-271

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