

Antistatic food hose and pharmaceutical hose, medium-heavy duty and reinforced, stainless steel (INOX)

Applications

- flexible hose/ ducting for abrasive powder, bulk material, granulate and for gases
- food industry, pharmaceutical industry: food, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- vacuum conveying device, vacuum hopper, suction conveyor, dosing system
- pelleting machines/ tablet presses
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- explosion hazard area

Properties

- medium-heavy duty
- highly abrasion resistant
- Approved by an independent testing laboratory for the complete hose acc. to EU-Directive 10/2011 and EC 1935/2004 and the latest EU-Directive 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600

- Approval acc. to EU-Directive 10/2011 (food simulant E) and EC 1935/2004
- 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 <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)
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline

- 40°F to 195°F

Design, material
AIRDUC® profile hose

- spring steel wire firmly embedded in the wall; spiral: stainless steel wire (INOX)
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 0.04 inch approximate

Delivery variants

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

Temperature range

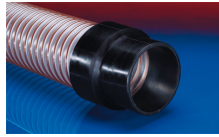
I.D. in / mm	O.D. in	Pressure DIN 26057 (50% elongation) psi	Vacuum DIN 26057 (axially fixed) inHG	Bending Radius in	Weight lbs./ft	Stock length ft	Further production lengths ft	Order No.
1 / 25	1.30	38.30 (65.20)	20.08 (29.53)	0.86	0.15	25	-	351-0025-1018
1.25 / 32	1.57	30.30 (51.55)	12.99 (29.53)	1.10	0.190	25	-	351-0032-1018
1.5 / 38	1.81	25.75 (43.80)	10.93 (29.53)	1.25	0.215	25	-	351-0038-1018
- / 40	1.89	24.50 (41.70)	10.48 (29.53)	1.30	0.230	-	25	351-0040-1018
2 / 50-51	2.28	19.80 (33.60)	8.42 (29.53)	1.54	0.275	25	-	351-0050-1018
2.36 / 60	2.68	16.60 (28.15)	6.94 (24.36)	1.75	0.330	-	25	351-0060-1018
2.5 / 63-65	2.87	15.30 (26.05)	6.50 (20.67)	1.87	0.395	25	-	351-0065-1018
- / 70	3.11	14.30 (24.20)	4.28 (24.51)	2.05	0.395	-	25	351-0070-1018
3 / 75-76	3.31	13.35 (22.65)	3.99 (21.41)	2.15	0.430	25	-	351-0075-1018
- / 80	3.50	12.55 (21.25)	3.69 (18.75)	2.28	0.455	-	25	351-0080-1018
3.5 / 89-90	3.90	11.15 (18.95)	3.25 (14.91)	2.52	0.505	-	25	351-0090-1018
4 / 100-102	4.29	10.10 (17.05)	3.10 (19.34)	2.76	0.650	25	-	351-0100-1018
- / 110	4.69	9.15 (15.50)	2.81 (15.95)	3.00	0.710	-	25	351-0110-1018
5 / 125-127	5.28	8.05 (13.70)	2.51 (12.25)	3.33	0.805	25	-	351-0125-1018
5.5 / 140	5.87	7.25 (12.25)	2.21 (9.74)	3.70	0.900	-	25	351-0140-1018
6 / 150-152	6.26	6.75 (11.45)	2.21 (10.93)	3.94	1.020	25	-	351-0150-1018
6.3 / 160	6.65	6.30 (10.75)	2.07 (9.45)	4.17	1.080	-	25	351-0160-1018
7 / 178-180	7.44	5.65 (9.55)	1.77 (7.23)	4.65	1.215	25	-	351-0180-1018
8 / 200-203	8.23	5.10 (8.65)	1.62 (5.76)	5.24	1.365	25	-	351-0200-1018
- / 225	9.21	4.50 (7.60)	1.18 (4.28)	5.69	1.450	-	25	351-0225-1018

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.

Accessories



CLAMP 212



CONNECT 240 EC



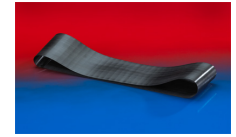
CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT MOULD ASSEMBLY 233



CONNECT THREAD FITTING 234



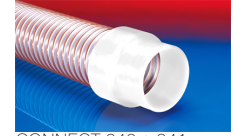
CONNECT TRI-CLAMP FITTING 245



CONNECT DAIRY FITTING 247



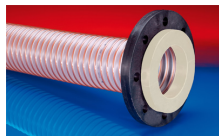
CONNECT ASEPTIC FITTING 249



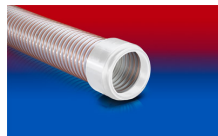
CONNECT 240 + 241 FOOD



CONNECT 243 FOOD



CONNECT 244 FOOD



CONNECT 245 FOOD



CONNECT 246 FOOD



CONNECT 223



CONNECT 270-271

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