

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

Applications

- flexible hose/ ducting for high throughput of 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
- 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
- industrial vacuum cleaners, vacuum cleaners
- explosion hazard area
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport

Properties

- heavy duty
- highly abrasion resistant
- increased pressure and vacuum resistance
- 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
- 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)

- according to DIN 26057 Type 3
- conforms to RoHS guideline

Temperature range

- 40°F to 195°F

Design, Material

AIRDUC® profile hose

- spring steel wire firmly embedded in wall; spiral: stainless steel wire (INOX)
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 0.055 - 0.060 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	50.35	26.60	3/4	0.190	25	-	355-0025-1018
- / 30	1.54	46.40	26.00	0.94	0.265	-	25	355-0030-1018
1.25 / 32	1.65	44.90	25.85	1.02	0.295	25	-	355-0032-1018
1.36 / 35	1.75	43.65	25.70	1.08	0.325	-	25	355-0035-1018
1.5 / 38	1.89	42.40	25.55	1.14	0.350	25	-	355-0038-1018
- / 40	1.97	42.05	25.25	1 1/8	0.365	-	25	355-0040-1018
- / 42	2.05	40.40	25.10	1.20	0.380	-	25	355-0042-1018
1.75 / 44-45	2.17	37.95	24.95	1.28	0.405	-	25	355-0045-1018
2 / 50-51	2.36	33.80	24.65	1.36	0.445	25	-	355-0050-1018
- / 55	2.56	31.10	23.20	1.48	0.485	-	25	355-0055-1018
2.36 / 60	2.76	28.35	21.55	1.57	0.525	-	25	355-0060-1018
2.5 / 63-65	2.95	26.30	19.95	1.67	0.565	25	-	355-0065-1018
- / 70	3.19	24.50	17.85	2.44	0.660	-	25	355-0070-1018
3 / 75-76	3.39	22.85	16.40	2.58	0.705	25	-	355-0075-1018
- / 80	3.58	21.45	14.90	2.72	0.745	-	25	355-0080-1018
3.5 / 89-90	3.98	19.35	12.70	3.00	0.875	-	25	355-0090-1018
4 / 100-102	4.37	17.25	10.50	3.27	1.000	25	-	355-0100-1018
- / 110	4.76	15.75	9.60	3.54	1.095	-	25	355-0110-1018
4.5 / 114-115	4.96	15.15	9.00	3.68	1.140	-	25	355-0115-1018
4.72 / 120	5.16	14.50	8.25	3.82	1.190	-	25	355-0120-1018
5 / 125-127	5.35	13.90	7.85	3.96	1.235	25	-	355-0125-1018

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.



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.
- / 130	5.55	13.50	7.40	4.09	1.315	-	25	355-0130-1018
5.5 / 140	5.94	12.55	6.35	4.37	1.470	-	25	355-0140-1018
6 / 150-152	6.34	11.60	5.30	4.65	1.620	25	-	355-0150-1018
6.3 / 160	6.77	11.40	5.45	4.92	1.720	-	25	355-0160-1018
6.5 / 165	6.93	11.10	5.30	5.06	1.775	-	25	355-0165-1018
- / 170	7.17	10.80	5.00	5.20	1.835	-	25	355-0170-1018
- / 175	7.36	10.50	4.70	5.33	1.890	-	25	355-0175-1018
7 / 178-180	7.52	10.15	4.45	5.47	1.950	25	-	355-0180-1018
8 / 200-203	8.39	9.15	4.00	6.14	2.095	25	-	355-0200-1018
- / 225	9.49	8.40	3.70	6.99	2.280	-	25	355-0225-1018
9 / 228-229	9.65	8.35	3.70	7.09	2.305	-	25	355-0228-1018
- / 250	10.59	7.70	3.40	7.81	2.465	-	25	355-0250-1018
10 / 254	10.79	7.55	3.40	7.95	2.495	-	25	355-0254-1018
- / 275	11.69	6.90	3.10	8.66	2.650	-	25	355-0275-1018
11 / 280	11.93	6.75	3.10	8.82	2.690	-	25	355-0280-1018

Accessories



CLAMP 212



CLAMP 216



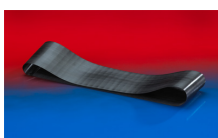
CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT SAFETY
CLAMP ASSEMBLY 231



CONNECT PRESS
ASSEMBLY 232



CONNECT MOULD
ASSEMBLY 233



CONNECT THREAD
FITTING 234



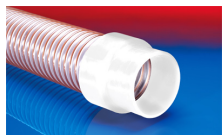
CONNECT TRI-CLAMP
FITTING 245



CONNECT DAIRY
FITTING 247



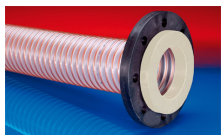
CONNECT ASEPTIC
FITTING 249



CONNECT 240 + 241
FOOD



CONNECT 243 FOOD



CONNECT 244 FOOD



CONNECT 245 FOOD



CONNECT 246 FOOD



CONNECT 223



CONNECT 270-271

Distributed By:

151 Memorial Drive, Unit H
Shrewsbury, MA 01545
Tel 888.792.2223
sales@plastixs.com



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