

Food hose and pharmaceutical hose, heavy duty

Applications

- flexible hose/ ducting for high volume of 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
- pelletizing machines/ tablet presses
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- airport, airplane, rail vehicle, train, railway, boat, ship/ vessel, yacht: lavatory waste
- industrial vacuum cleaners, vacuum cleaners
- agricultural industry: pneumatic grain conveyer
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- paper mill, paper and pulp industry: waste water, air extraction

- industrial washing machine: washing water hose

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 and 178.2010
- Approval acc. to EU Directive 10/2011 (food simulants A, B, C or E and D2)
- odorless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline, and chemicals
- very good low temperature flexibility
- flame-retardant according to: UL94-V2
- according to DIN 26057 Type 3
- manufacturing process acc. GMP EC 2023/2006

- 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 the wall
- wall: special 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	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.
- / 13	0.79	65.25 (124.60)	29.53 (29.53)	0.53	0.095	-	25 50	355-0013-1001
5/8 / 16	0.91	63.95 (103.55)	29.53 (29.53)	0.59	0.110	-	25 50	355-0016-1001
- / 20	1.06	61.65 (99.80)	29.53 (29.53)	0.67	0.155	-	25 50	355-0020-1001
- / 22	1.14	56.55 (91.50)	28.05 (29.53)	0.71	0.170	-	25 50	355-0022-1001
1 / 25	1.25	50.35 (81.35)	26.58 (29.53)	3/4	0.190	25 50	-	355-0025-1001
- / 30	1.57	52.20 (84.50)	25.99 (29.53)	1.00	0.280	-	25 50	355-0030-1001
1.25 / 32	1.65	49.25 (79.65)	25.84 (29.53)	1.02	0.295	25 50	-	355-0032-1001
1.36 / 35	1.75	45.30 (73.25)	25.69 (29.53)	1.08	0.325	-	25 50	355-0035-1001
1.5 / 38	1.89	42.00 (67.80)	25.54 (29.53)	1.14	0.350	25 50	-	355-0038-1001
- / 40	1.97	40.05 (64.60)	25.25 (29.53)	1 1/8	0.365	-	25 50	355-0040-1001
1.75 / 44-45	2.17	35.80 (57.85)	24.95 (29.53)	1.28	0.405	-	25	355-0045-1001
2 / 50-51	2.36	32.40 (52.35)	24.66 (29.53)	1.36	0.445	25 50	-	355-0050-1001
- / 55	2.56	29.65 (47.80)	23.33 (29.53)	1.48	0.485	-	25 50	355-0055-1001
2.36 / 60	2.76	27.25 (43.95)	21.56 (29.53)	1.57	0.525	-	25 50	355-0060-1001
2.5 / 63-65	2.95	25.25 (40.75)	19.93 (29.53)	1.67	0.565	25 50	-	355-0065-1001
- / 70	3.19	23.50 (37.95)	17.87 (29.53)	2.44	0.660	-	25 50	355-0070-1001
3 / 75-76	3.39	21.95 (35.45)	16.39 (29.53)	2.58	0.705	25	-	355-0075-1001
- / 80	3.58	20.65 (33.35)	14.91 (29.53)	2.72	0.745	-	25	355-0080-1001
3.5 / 89-90	3.98	18.40 (29.75)	11.37 (26.13)	3.00	0.840	-	25 50	355-0090-1001
4 / 100-102	4.37	16.70 (26.85)	10.48 (28.05)	3.27	1.000	25 50	-	355-0100-1001
- / 110	4.76	15.15 (24.45)	9.60 (23.03)	3.54	1.095	-	25 50	355-0110-1001
4.5 / 114-115	4.96	14.50 (23.40)	8.86 (21.11)	3.68	1.130	-	25 50	355-0115-1001

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.

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4.72 / 120	5.16	13.09 (22.50)	8.27 (19.34)	3.82	1.190	-	25 50	355-0120-1001
5 / 125-127	5.35	13.40 (21.55)	7.83 (17.72)	3.96	1.235	25 50	-	355-0125-1001
- / 130	5.55	12.90 (20.75)	7.09 (16.39)	4.09	1.285	-	25 50	355-0130-1001
5.5 / 140	5.94	11.95 (19.30)	6.35 (14.17)	4.37	1.365	-	25 50	355-0140-1001
6 / 150-152	6.34	11.15 (18.05)	5.32 (16.68)	4.65	1.620	25 50	-	355-0150-1001
6.3 / 160	6.73	10.50 (16.90)	4.87 (14.62)	4.92	1.720	-	25 50	355-0160-1001
6.5 / 165	6.93	10.25 (16.40)	4.72 (13.73)	5.06	1.775	25 50	-	355-0165-1001
7 / 178-180	7.52	9.35 (15.10)	3.99 (11.52)	5.47	1.930	-	25 50	355-0180-1001
8 / 200-203	8.39	8.40 (13.55)	3.54 (10.34)	6.14	2.095	25	-	355-0200-1001
- / 250	10.35	6.75 (10.90)	2.21 (6.20)	7.52	2.605	-	25	355-0250-1001
- / 300	12.32	5.65 (9.05)	1.92 (5.61)	8.90	3.465	-	25	355-0300-1001

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Accessories



CLAMP 212



CLAMP 216



CLAMP 212 EC



CLAMP 217



CLAMP 213



CONNECT 228


CONNECT SAFETY
CLAMP ASSEMBLY 231

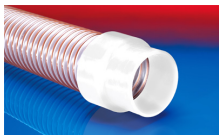
CONNECT PRESS
ASSEMBLY 232

CONNECT MOULD
ASSEMBLY 233

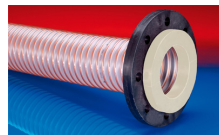
CONNECT THREAD
FITTING 234

CONNECT TRI-CLAMP
FITTING 245

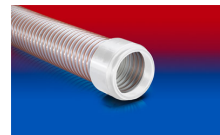
CONNECT DAIRY FITTING
247

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

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