

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

Application

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

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- Standardversion ..1018: 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
- Standardversion ..1018: Approval acc. to EU-Directive 10/2011 (food simulant E) and EC 1935/2004
- odourless and tasteless
- special version ..1030: approved for food categories A, B, C, D1, D2, E, according to manufacturer certification; food grade polyurethane according to EU-Directive 10/2011 and EC 1935/2004 and FDA 21 CFR 177.2600
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- permanently antistatic wall: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to TRGS 727 $<2,5 \cdot 10^9 \Omega \cdot m$ and NFPA 652 $10^8-10^9 \Omega$)
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of flammable dusts and bulk materials (Zone 20, 21, 22 inside), aspiration of combustible dusts (Zone 22 inside),
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: 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
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline

- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 40 °C to 90 °C

Design

- 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 1,4 - 1,5 mm approx.

Delivery variants

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

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Minimum Quantity	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	

Standard version acc. to certificate for food simulant E

1 / 25	32.00	3,565	1,000	20.00	0.28	-	5 10	355-0025-1018
1,25 / 32	42.00	3,490	1,000	26.00	0.44	-	5 10	355-0032-1018

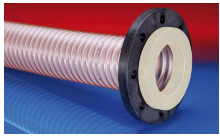


I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Minimum Quantity	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
1,5 / 38	48.00	2,975	0,985	29.00	0.52	-	5 10	355-0038-1018
- / 40	50.00	2,835	0,935	30.00	0.54	-	5 10	355-0040-1018
2 / 50-51	60.00	2,300	0,750	35.00	0.66	-	5 10	355-0050-1018
- / 55	65.00	2,100	0,680	38.00	0.72	-	5 10	355-0055-1018
2,36 / 60	70.00	1,930	0,625	40.00	0.78	-	5 10	355-0060-1018
2,5 / 63-65	75.00	1,790	0,575	43.00	0.84	-	5 10	355-0065-1018
- / 70	81.00	1,665	0,505	62.00	0.98	-	5 10	355-0070-1018
3 / 75-76	86.00	1,560	0,475	66.00	1.05	-	5 10	355-0075-1018
- / 80	91.00	1,465	0,450	69.00	1.11	-	5 10	355-0080-1018
3,5 / 89-90	101.00	1,305	0,395	76.00	1.30	-	5 10	355-0090-1018
4 / 100-102	111.00	1,180	0,385	83.00	1.49	-	5 10	355-0100-1018
5 / 125-127	136.00	0,950	0,305	101.00	1.84	-	5 10	355-0125-1018
6 / 150-152	161.00	0,795	0,285	118.00	2.41	-	5 10	355-0150-1018
6,3 / 160	172.00	0,745	0,265	125.00	2.56	-	5 10	355-0160-1018
7 / 178-180	191.00	0,665	0,235	139.00	2.90	-	5 10	355-0180-1018
8 / 200-203	213.00	0,600	0,145	156.00	3.12	-	5 10	355-0200-1018

According to the used raw materials suitable for food contact (food simulants A - E; EU-Directive 10/2011); antistatic $10^9 \Omega$

1 / 25	32.00	3,565	1,000	20.00	0.28	150	-	355-0025-1030
1,25 / 32	42.00	3,490	1,000	26.00	0.44	150	-	355-0032-1030
1,5 / 38	48.00	2,975	0,985	29.00	0.52	150	-	355-0038-1030
- / 40	50.00	2,835	0,935	30.00	0.54	150	-	355-0040-1030
2 / 50-51	60.00	2,300	0,750	35.00	0.66	150	-	355-0050-1030
2,5 / 63-65	75.00	1,790	0,575	43.00	0.84	150	-	355-0065-1030
3 / 75-76	86.00	1,560	0,475	66.00	1.05	100	-	355-0075-1030
- / 80	91.00	1,465	0,450	69.00	1.11	100	-	355-0080-1030
4 / 100-102	111.00	1,180	0,385	83.00	1.49	100	-	355-0100-1030

Accessories



CONNECT 244
FOOD



CONNECT PRESS
ASSEMBLY 232



CLAMP 212



CONNECT 243
FOOD



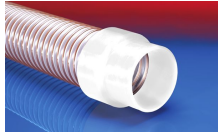
CLAMP 217



CONNECT 223



CONNECT ASEPTIC
FITTING 249



CONNECT 240 + 241
FOOD



CONNECT MOULD
ASSEMBLY 233



CLAMP 212 EC



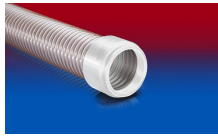
CONNECT 246
FOOD



CONNECT TRI-
CLAMP FITTING 245



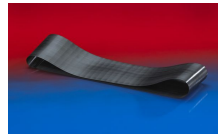
CONNECT 270-271



CONNECT 245
FOOD



CONNECT SAFETY
CLAMP ASSEMBLY
231



CONNECT 228



CLAMP 216



CONNECT DAIRY
FITTING 247



CLAMP 213



CONNECT THREAD
FITTING 234