

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 e.g. rice, dry food, 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: feeding stuff 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
- odourless 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 Typ 3
- conforms to RoHS guideline

## Temperature Range

- 40°C to 90°C

## 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 1,4 - 1,5mm approx.

## Delivery variants

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

I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
1 / 25	32	3,470	0,900	20	0,280	10	-	355-0025-1018
- / 30	39	3,200	0,880	24	0,395	-	10	355-0030-1018
1,25 / 32	42	3,095	0,875	26	0,440	10	-	355-0032-1018
1,36 / 35	45	3,010	0,870	28	0,480	-	10	355-0035-1018
1,5 / 38	48	2,925	0,865	29	0,520	10	-	355-0038-1018
- / 40	50	2,900	0,855	30	0,540	10	-	355-0040-1018
- / 42	52	2,785	0,850	31	0,565	-	10	355-0042-1018
1,75 / 44-45	55	2,615	0,845	33	0,600	-	10	355-0045-1018
2 / 50-51	60	2,330	0,835	35	0,660	10	-	355-0050-1018
- / 55	65	2,145	0,785	38	0,720	-	10	355-0055-1018
2,36 / 60	70	1,955	0,730	40	0,780	10	-	355-0060-1018
2,5 / 63-65	75	1,815	0,675	43	0,840	10	-	355-0065-1018
- / 70	81	1,690	0,605	62	0,980	10	-	355-0070-1018
3 / 75-76	86	1,575	0,555	66	1,050	10	-	355-0075-1018
- / 80	91	1,480	0,505	69	1,110	10	-	355-0080-1018
3,5 / 89-90	101	1,335	0,430	76	1,300	-	10	355-0090-1018
4 / 100-102	111	1,190	0,355	83	1,490	10	-	355-0100-1018
- / 110	121	1,085	0,325	90	1,630	-	10	355-0110-1018
4,5 / 114-115	126	1,045	0,305	94	1,700	-	10	355-0115-1018
4,72 / 120	131	1,000	0,280	97	1,770	-	10	355-0120-1018
5 / 125-127	136	0,960	0,265	101	1,840	10	-	355-0125-1018

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. Additional technical data at [www.norres.com](http://www.norres.com). The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.



I.D. in / mm	O.D. mm	Over- pressure bar	Under- pressure bar	Bending Radius mm	Weight kg/m	Dimensions in Stock m	Further Production Lengths m	Order No.
- / 130	141	0,930	0,250	104	1,955	-	10	355-0130-1018
5,5 / 140	151	0,865	0,215	111	2,185	-	10	355-0140-1018
6 / 150-152	161	0,800	0,180	118	2,410	10	-	355-0150-1018
6,3 / 160	172	0,785	0,185	125	2,560	-	10	355-0160-1018
6,5 / 165	176	0,765	0,180	129	2,645	-	10	355-0165-1018
- / 170	182	0,745	0,170	132	2,730	-	10	355-0170-1018
- / 175	187	0,725	0,160	136	2,815	-	10	355-0175-1018
7 / 178-180	191	0,700	0,150	139	2,900	10	-	355-0180-1018
8 / 200-203	213	0,630	0,135	156	3,120	10	-	355-0200-1018
- / 225	241	0,580	0,125	178	3,395	-	10	355-0225-1018
9 / 228-229	245	0,575	0,125	180	3,430	-	10	355-0228-1018
- / 250	269	0,530	0,115	199	3,670	-	10	355-0250-1018
10 / 254	274	0,520	0,115	202	3,715	-	10	355-0254-1018
- / 275	297	0,475	0,105	220	3,945	-	10	355-0275-1018
11 / 280	303	0,465	0,105	224	4,000	-	10	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



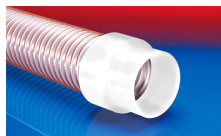
CONNECT TRI-CLAMP  
FITTING 245



CONNECT DAIRY FITTING  
247



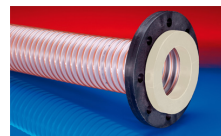
CONNECT ASEPTIC  
FITTING 249



CONNECT 240 + 241  
FOOD



CONNECT 243 FOOD



CONNECT 244 FOOD



CONNECT 245 FOOD



CONNECT 246 FOOD



CONNECT 223



CONNECT 270-271

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