

Antistatic food hose and pharmaceutical hose, medium-heavy

## Applications

- flexible hose/ ducting for 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
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- explosion hazard area
- clean room ventilation, semiconductor production machine
- paper mill, paper and pulp industry: waste water, air extraction
- medical device/ medical technology, health-care sector: cable protection conduit, air supply hose, extraction hose

## Properties

- medium-heavy duty
- highly abrasion resistant
- food grade wall, complies with: FDA 21 CFR Part 177.1680 and 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 Type 2

- conforms to RoHS guideline

## Temperature Range

- 40°C to 90°C
- short time to 125°C

## Design, Material

AIRDUC® profile hose

- spring steel wire firmly embedded in wall
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 0,7 mm approx.

## Delivery variants

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

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	2,585	0,610	23	0,190	5 10	15	350-0025-0000
- / 30	37	2,245	0,585	26	0,250	5 10	15	350-0030-0000
1,25 / 32	39	2,105	0,570	27	0,270	5 10	15	350-0032-0000
1,36 / 35	42	1,930	0,545	29	0,290	-	5 10 15	350-0035-0000
1,5 / 38	45	1,780	0,525	31	0,310	5 10	15	350-0038-0000
- / 40	47	1,360	0,505	32	0,330	5 10	15	350-0040-0000
1,75 / 44-45	52	1,390	0,460	35	0,370	5 10	15	350-0045-0000
2 / 50-51	57	1,350	0,435	38	0,400	5 10 15 20	-	350-0050-0000
- / 55	62	1,240	0,395	41	0,440	5 10	15	350-0055-0000
2,36 / 60	67	1,140	0,338	44	0,480	5 10 15	-	350-0060-0000
2,5 / 63-65	70	1,020	0,295	47	0,520	5 10	15	350-0065-0000
- / 70	77	0,975	0,245	50	0,560	5 10	15	350-0070-0000
3 / 75-76	82	0,910	0,220	53	0,590	5 10	15	350-0075-0000
- / 80	87	0,855	0,190	56	0,640	5 10 15	-	350-0080-0000
3,5 / 89-90	97	0,760	0,160	62	0,720	5 10	15	350-0090-0000
4 / 100-102	107	0,690	0,115	68	0,800	5 10 15	-	350-0100-0000
- / 110	117	0,625	0,105	74	0,870	5 10	15	350-0110-0000
4,5 / 114-115	122	0,600	0,100	77	0,900	5 10	15	350-0115-0000
4,72 / 120	127	0,570	0,095	80	0,950	5 10	15	350-0120-0000
5 / 125-127	132	0,550	0,080	83	0,980	5 10	15	350-0125-0000
- / 130	137	0,525	0,080	86	1,010	5 10	15	350-0130-0000

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.
5,5 / 140	147	0,490	0,080	92	1,090	5 10	15	350-0140-0000
6 / 150-152	157	0,455	0,075	98	1,400	5 10 15	-	350-0150-0000
6,3 / 160	167	0,415	0,065	104	1,500	5 10	15	350-0160-0000
6,5 / 165	172	0,400	0,060	106	1,540	-	5 10 15	350-0165-0000
- / 170	177	0,390	0,060	108	1,580	5 10	15	350-0170-0000
- / 175	182	0,355	0,050	113	1,630	5 10	15	350-0175-0000
7 / 178-180	187	0,350	0,050	116	1,670	5 10	15	350-0180-0000
8 / 200-203	207	0,315	0,050	128	1,860	5 10 15	-	350-0200-0000
- / 225	232	0,265	0,035	143	2,080	5 10	15	350-0225-0000
9 / 228-229	240	0,249	0,030	148	2,120	-	5 10 15	350-0228-0000
- / 250	257	0,240	0,020	158	2,310	5 10	15	350-0250-0000
10 / 254	261	0,236	0,020	160	2,350	5 10	15	350-0254-0000
- / 275	282	0,220	0,020	173	2,540	5 10	-	350-0275-0000
11 / 280	287	0,210	0,020	176	2,590	5 10	-	350-0280-0000
- / 300	307	0,200	0,020	188	2,770	5 10	-	350-0300-0000
12 / 305	312	0,196	0,018	191	2,810	5 10	-	350-0305-0000
- / 315	322	0,190	0,015	197	2,900	-	5 10	350-0315-0000
- / 325	332	0,185	0,015	203	2,990	-	5 10	350-0325-0000
13 / 330	337	0,183	0,015	206	3,040	-	5 10	350-0330-0000
- / 350	357	0,170	0,015	218	3,220	5 10	-	350-0350-0000
14 / 356	363	0,167	0,010	222	3,340	5 10	-	350-0356-0000
- / 400	407	0,150	0,010	248	4,170	5 10	-	350-0400-0000
16 / 405-406	413	0,148	0,010	253	4,230	-	5 10	350-0406-0000
- / 450	457	0,135	0,010	281	4,690	5 10	-	350-0450-0000
18 / 457	464	0,132	0,010	286	4,760	-	5 10	350-0457-0000
- / 500	507	0,120	0,010	313	5,200	5 10	-	350-0500-0000
20 / 508	515	0,117	0,010	318	5,280	-	5 10	350-0508-0000

Accessories



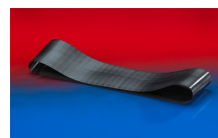
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT MOULD  
ASSEMBLY 233



CONNECT THREAD  
FITTING 234



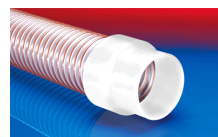
CONNECT TRI-CLAMP  
FITTING 245



CONNECT DAIRY FITTING  
247



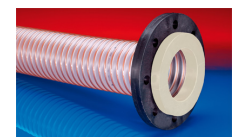
CONNECT ASEPTIC  
FITTING 249



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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