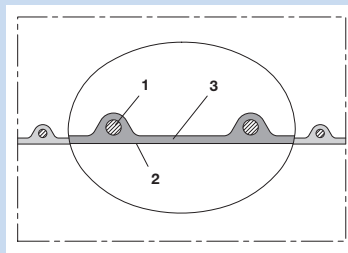
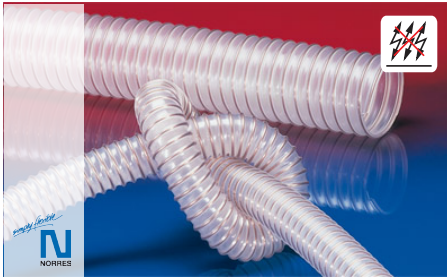


AIRDUC® PUR 350 FOOD-AS



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
- municipal vehicle: lawn mower, slope mower, leaf blower/ leaf collector

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
- manufacturing process acc. GMP EC 2023/2006

- 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	Order No.
1 / 25	32	2,445	0,755	23	0,190	5 10 15	350-0025-0000
- / 30	37	2,055	0,630	26	0,250	5 10 15	350-0030-0000
1,25 / 32	39	1,930	0,590	27	0,270	5 10 15	350-0032-0000
1,36 / 35	42	1,770	0,540	29	0,290	5 10 15	350-0035-0000
1,5 / 38	45	1,635	0,495	31	0,310	5 10 15	350-0038-0000
- / 40	47	1,555	0,470	32	0,330	5 10 15	350-0040-0000
1,75 / 44-45	52	1,390	0,420	35	0,370	5 10 15	350-0045-0000
2 / 50-51	57	1,250	0,380	38	0,400	5 10 15 20	350-0050-0000
- / 55	62	1,140	0,345	41	0,440	5 10 15	350-0055-0000
2,36 / 60	67	1,050	0,315	44	0,480	5 10 15	350-0060-0000
2,5 / 63-65	70	0,970	0,290	47	0,520	5 10 15	350-0065-0000
- / 70	77	0,900	0,185	50	0,560	5 10 15	350-0070-0000
3 / 75-76	82	0,840	0,175	53	0,590	5 10 15	350-0075-0000
- / 80	87	0,790	0,160	56	0,640	5 10 15	350-0080-0000
3,5 / 89-90	97	0,705	0,145	62	0,720	5 10 15	350-0090-0000
4 / 100-102	107	0,635	0,135	68	0,800	5 10 15	350-0100-0000
- / 110	117	0,575	0,125	74	0,870	5 10 15	350-0110-0000
4,5 / 114-115	122	0,550	0,120	77	0,900	5 10 15	350-0115-0000
4,72 / 120	127	0,530	0,115	80	0,950	5 10 15	350-0120-0000
5 / 125-127	132	0,510	0,110	83	0,980	5 10 15	350-0125-0000
- / 130	137	0,490	0,105	86	1,010	5 10 15	350-0130-0000
5,5 / 140	147	0,455	0,095	92	1,090	5 10 15	350-0140-0000

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. 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	Order No.
6 / 150-152	157	0,425	0,075	98	1,400	5 10 15	350-0150-0000
6,3 / 160	167	0,400	0,070	104	1,500	5 10 15	350-0160-0000
- / 170	177	0,375	0,065	108	1,580	5 10 15	350-0170-0000
- / 175	182	0,365	0,065	113	1,630	5 10 15	350-0175-0000
7 / 178-180	187	0,355	0,060	116	1,670	5 10 15	350-0180-0000
8 / 200-203	207	0,320	0,055	128	1,860	5 10 15	350-0200-0000
- / 225	232	0,285	0,050	143	2,080	5 10	350-0225-0000
- / 250	257	0,255	0,045	158	2,310	5 10	350-0250-0000
10 / 254	261	0,250	0,045	160	2,350	5 10 15	350-0254-0000
- / 275	282	0,230	0,040	173	2,540	5 10	350-0275-0000
11 / 280	287	0,230	0,040	176	2,590	5 10	350-0280-0000
- / 300	307	0,215	0,035	188	2,770	5 10	350-0300-0000
12 / 305	312	0,210	0,035	191	2,810	5 10	350-0305-0000
- / 350	357	0,185	0,030	218	3,220	5 10	350-0350-0000
14 / 356	363	0,180	0,030	222	3,340	5 10	350-0356-0000
- / 400	407	0,160	0,030	248	4,170	5 10	350-0400-0000
- / 450	457	0,140	0,025	281	4,690	5 10	350-0450-0000
- / 500	507	0,130	0,025	313	5,200	5 10	350-0500-0000

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. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional technical data at www.norres.com/en/technology/

Accessories



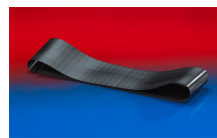
CLAMP 212



CLAMP 217



CLAMP 213



CONNECT 228



CONNECT MOULD
ASSEMBLY 233



CONNECT THREAD
FITTING 234



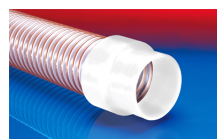
CONNECT TRI-CLAMP
FITTING 245



CONNECT DAIRY FITTING
247



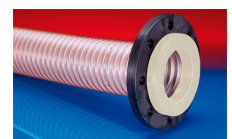
CONNECT ASEPTIC
FITTING 249



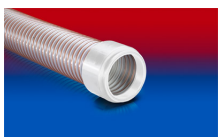
CONNECT 240 + 241
FOOD



CONNECT 243 FOOD



CONNECT 244 FOOD



CONNECT 245 FOOD



CONNECT 246 FOOD



CONNECT 223



CONNECT 270-271

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. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data.