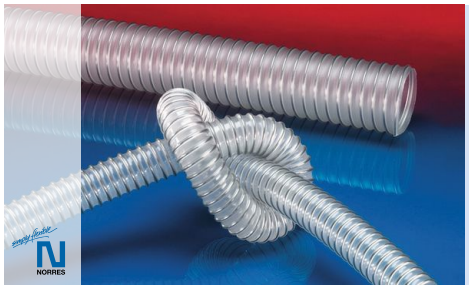
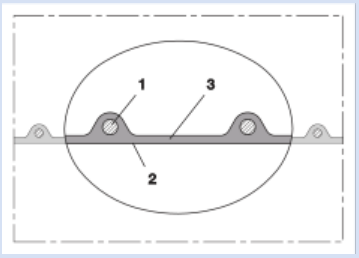
AIRDUC® PUR-INOX 351 FOOD-AS (MD)





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

Applications
- flexible hose/ ducting for 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
- pelleting machines/ tablet presses
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- explosion hazard area

Properties
- medium-heavy duty
- highly abrasion resistant
- Approved by an independent testing laboratory for the complete hose acc. to EU-Directive 10/2011, EC 1935/2004 and EU 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600
- Approval acc. to EU-Directive 10/2011 (food simulant E) and EC 1935/2004
- odourless and tasteless
- 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 Ω (according to TRGS 727 <2,5*10^8 Ω*m and NFPA 652 10^8-10^9 Ω)
- 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)
- 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
- short time to 125 °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 1,0 mm approx.

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

I.D. (in / mm)	outer Ø (mm)	Pressure DIN 26057 (50% Elongation) (bar)	Vacuum DIN 26057 (axially fixed) (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Production Lengths (m)	Order No.
1 / 25	33.00	2,640 (4,49)	0,680 (1,00)	22.00	0.22	**10**	5	351-0025-1018
1,25 / 32	40.00	2,090 (3,56)	0,440 (1,00	28.00	0.28	**10**	5	351-0032-1018
1,5 / 38	46.00	1,775 (3,02)	0,370 (1,00)	32.00	0.32	**10**	5	351-0038-1018
- / 40	48.00	1,690 (2,87)	0,355 (1,00)	33.00	0.34	**10**	-	351-0040-1018
2 / 50-51	58.00	1,365 (2,32)	0,285 (1,00)	39.00	0.41	**10**	5	351-0050-1018
2,36 / 60	68.00	1,145 (1,94)	0,235 (0,82)	45.00	0.49	**10**	5	351-0060-1018
2,5 / 63-65	73.00	1,055 (1,79)	0,220 (0,70)	48.00	0.59	**10**	5	351-0065-1018
- / 70	79.00	0,985 (1,67)	0,145 (0,83)	52.00	0.59	**10**	5	351-0070-1018
3 / 75-76	84.00	0,920 (1,56)	0,135 (0,72)	55.00	0.64	**10**	5	351-0075-1018
- / 80	89.00	0,865 (1,46)	0,125 (0,64)	58.00	0.68	**10**	5	351-0080-1018
3,5 / 89-90	99.00	0,770 (1,30)	0,110 (0,50)	64.00	0.75	**10**	5	351-0090-1018
4 / 100-102	109.00	0,695 (1,18)	0,105 (0,66)	70.00	0.97	**10**	5	351-0100-1018
- / 110	119.00	0,630 (1,07)	0,095 (0,54)	76.00	1.06	**-**	5 10	351-0110-1018

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

AIRDUC® PUR-INOX 351 FOOD-AS (MD)

I.D.	outer Ø	Pressure DIN 26057 (50% Elongation)	Vacuum DIN 26057 (axially fixed)	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
5 / 125-127	134.00	0,555 (0,94)	0,085 (0,42)	85.00	1.20	**10**	5	351-0125-1018
5,5 / 140	149.00	0,500 (0,84)	0,075 (0,33)	94.00	1.34	**-**	5 10	351-0140-1018
6 / 150-152	159.00	0,465 (0,79)	0,075 (0,37)	100.00	1.52	**10**	5	351-0150-1018
6,3 / 160	169.00	0,435 (0,74)	0,070 (0,32)	106.00	1.61	**-**	5 10	351-0160-1018
8 / 200-203	209.00	0,350 (0,59)	0,055 (0,2,0)	133.00	2.03	**10**	5	351-0200-1018

Accessories


CLAMP 213


CONNECT DAIRY FITTING 247


CONNECT ASEPTIC FITTING 249


CONNECT 270-271

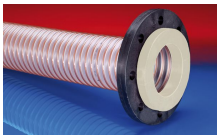

CONNECT 245 FOOD


CLAMP 212 EC


CLAMP 217


CONNECT THREAD FITTING 234

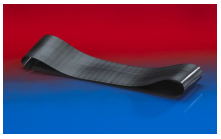
CONNECT 240 + 241 FOOD


CONNECT 244 FOOD


CONNECT MOULD ASSEMBLY 233

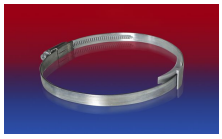

CONNECT 246 FOOD


CONNECT TRI-CLAMP FITTING 245


CONNECT 228


CLAMP 212


CONNECT 223


CLAMP 210 BRIDGE CLAMP


CONNECT 243 FOOD

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