

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

Application

- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- food industry, pharmaceutical industry: foodstuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- extraction arm
- explosion hazard area
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill

Properties

- lightweight and reinforced
- highly flexible + compressible 3:1
- abrasion-resistant
- 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

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- 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 $<10^9 \Omega$ (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)
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

- 40 °C to 90 °C

Design

- patented PROTAPE® tape hose
- spring steel wire integrated in wall
- spiral: stainless steel wire (INOX)
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 0,6 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)	Order No.
1,5 / 38	45.00	1,075 (4,36)	0,355 (0,77)	26.00	0.22	5 10	330-0038-1018
- / 40	47.00	1,020 (4,15)	0,335 (0,69)	27.00	0.24	5 10	330-0040-1018
2 / 50-51	58.00	0,820 (3,34)	0,220 (0,87)	33.00	0.38	5 10	330-0050-1018
2,36 / 60	68.00	0,685 (2,80)	0,180 (0,61)	38.00	0.44	5 10	330-0060-1018
2,5 / 63-65	73.00	0,635 (2,59)	0,165 (0,52)	41.00	0.47	5 10	330-0065-1018
- / 70	78.00	0,590 (2,41)	0,155 (0,45)	43.00	0.51	5 10	330-0070-1018
3 / 75-76	83.00	0,550 (2,25)	0,145 (0,40)	46.00	0.55	5 10	330-0075-1018
- / 80	88.00	0,515 (2,11)	0,135 (0,35)	48.00	0.58	5 10	330-0080-1018
4 / 100-102	108.00	0,415 (1,70)	0,080 (0,31)	58.00	0.69	5 10	330-0100-1018
5 / 125-127	133.00	0,335 (1,36)	0,065 (0,20)	71.00	0.85	5 10	330-0125-1018
6 / 150-152	158.00	0,275 (1,14)	0,055 (0,14)	83.00	1.01	5 10	330-0150-1018

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6,3 / 160	168.00	0,260 (1,07)	0,050 (0,12)	88.00	1.07	5 10	330-0160-1018
7 / 178-180	188.00	0,230 (0,95)	0,045 (0,10)	98.00	1.20	5 10	330-0180-1018
8 / 200-203	208.00	0,210 (0,85)	0,030 (0,11)	108.00	1.35	5 10	330-0200-1018
- / 250	258.00	0,165 (0,68)	0,025 (0,07)	133.00	1.67	5 10	330-0250-1018
- / 300	308.00	0,140 (0,57)	0,020 (0,05)	158.00	2.17	5 10	330-0300-1018

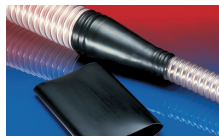
Accessories



CLAMP 210 BRIDGE
CLAMP



CLAMP 213



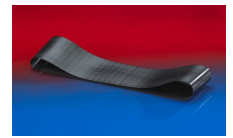
CONNECT 223



CONNECT 270-271



CLAMP 212



CONNECT 228



CLAMP 217