



Antistatic food hose and pharmaceutical hose, super-heavy, smooth interior and exterior, stainless steel (INOX)

Application

- hose/ ducting for high throughput of extremely abrasive bulk material, granulate and stone
- 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
- explosion hazard area
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- silos and tankers: silo charging, silo discharging
- silos and tankers: conveying of e.g. rice, dry food, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods

Properties

- super-heavy duty
- very high pressure, vacuum and compression resistance

- Standardversion ..-1014: 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
- Standardversion ..1014: Approval acc. to EU-Directive 10/2011 (food simulant E) and EC 1935/2004
- special version ..1030: approved for food categories A, B, C, D1, D2, E, according to manufacturer certification; food grade polyurethane according to EU-Directive 10/2011 and EC 1935/2004 and 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: according to ISO 8031 electrical and surface resistance $<10^9 \Omega$ (according to TRGS 727 $<2,5 \cdot 10^8 \Omega \cdot m$ 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

Temperature Range

- -40 °C to 90 °C

Design

- BARDUC® design
- spring steel wire spiral embedded in wall
- spiral: stainless steel wire (INOX)
- smooth interior and exterior
- wall: permanently antistatic premium ether-polyurethane (Pre-PUR®)
- wall thickness 4 to 6 mm approx., depending on diameter

Delivery variants

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

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
Standard version acc. to certificate for food simulant E							
1,25 / 32	40.00	5,500	1,000	144.00	0.45	10	382-0032-1014
1,5 / 38	46.00	5,500	1,000	171.00	0.59	10	382-0038-1014



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(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 40	48.00	5,500	1,000	180.00	0.65	10 15	382-0040-1014
2 / 50-51	58.00	5,000	1,000	225.00	0.96	10 15	382-0050-1014
2,36 / 60	68.00	5,000	1,000	270.00	1.12	10 15	382-0060-1014
2,5 / 63-65	73.00	5,000	1,000	293.00	1.21	10 15	382-0065-1014
- / 70	78.00	5,000	1,000	315.00	1.29	10 15	382-0070-1014
3 / 75-76	83.00	5,000	1,000	338.00	1.38	10 15	382-0075-1014
- / 80	88.00	4,000	0,900	360.00	1.46	10	382-0080-1014
4 / 100-102	110.00	4,000	0,800	500.00	1.80	10	382-0100-1014

According to the used raw materials suitable for food contact (food simulants A - E; EU-Directive 10/2011); antistatic $10^9 \Omega$

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Accessories



CLAMP 211