



Food hose and pharmaceutical hose, extremely heavy



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
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- raw material conveying hose for powders, granulates, sand, quartz, gravel, shards and chips/ shavings
- silos and tankers: silo charging, silo discharging
- silo and tankers: conveying of wood pellets, plastic granulate, plastic powder
- silos and tankers: conveying of e.g. rice, dry food, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods

Properties

- extremely heavy duty
- extremely abrasion-resistant with reinforcement underneath wire and narrow hose pitch

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- very high pressure, vacuum and compression resistance
- 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 and 178.2010
- Approval acc. to EU-Directive 10/2011 (food simulants A, B, C or E and D2) and EC 1935/2004
- odourless and tasteless
- microbe and hydrolysis resistant
- very good low temperature flexibility
- 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
- wall: special premium ether-polyurethane (Pre-PUR®)
- wall thickness 3,0 to 3,5 mm approx.
- reinforcement of the primary abrasion areas

Delivery variants

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

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
- / 50	67.00	4,065	1,000	189.00	1.49	10	356-0050-5100
2 / 51	68.00	3,850	1,000	192.00	1.50	10	356-0051-5100
2,36 / 60	77.00	3,455	1,000	216.00	1.76	10	356-0060-5100
2,5 / 63-65	80.00	3,330	1,000	224.00	1.81	10	356-0063-5100
- / 65	82.00	3,210	1,000	230.00	1.89	10	356-0065-5100
- / 75	92.00	2,815	1,000	257.00	2.04	10	356-0075-5100
3 / 76	87.00	2,800	1,000	259.00	2.08	10	356-0076-5100
- / 80	97.00	2,655	1,000	270.00	2.30	10	356-0080-5100
3,5 / 89-90	106.00	2,380	1,000	295.00	2.84	10	356-0089-5100
- / 90	107.00	2,380	1,000	297.00	2.90	10	356-0090-5100
- / 100	117.00	2,155	1,000	324.00	3.20	10	356-0100-5100
4 / 102	119.00	2,005	1,000	330.00	3.26	10	356-0102-5100
4,5 / 114-115	132.00	1,890	0,920	365.00	3.64	10	356-0115-5100
- / 125	142.00	1,745	0,845	392.00	3.95	10	356-0125-5100
5 / 127	144.00	1,715	0,840	398.00	4.01	10	356-0127-5100
- / 150	167.00	1,465	0,760	460.00	5.05	10	356-0150-5100
6 / 152	169.00	1,355	0,750	465.00	5.11	10	356-0152-5100

Accessories



CONNECT STORZ
DIN ALU 251



CONNECT KAMLOK
ALU 253



CLAMP 211



CONNECT KARDAN
254



CONNECT TANK
TRUCK BRASS 252



CONNECT 230