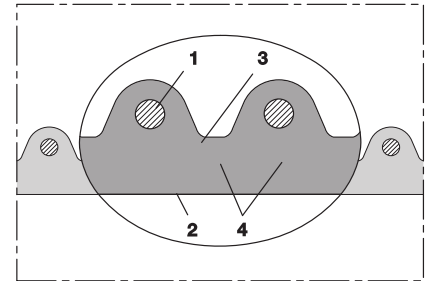
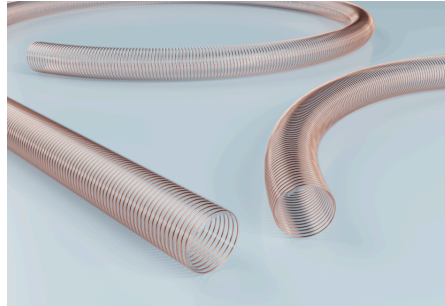
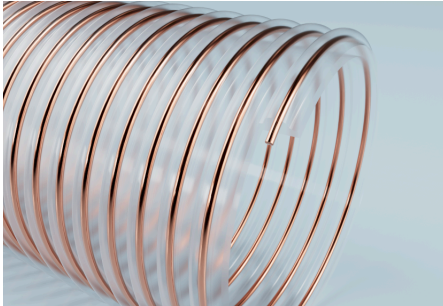


AIRDUC® PUR 356 FOOD REINFORCED (XXHD)

SKU: 3565100

Extremely abrasion-resistant suction and pressure hose, food-grade, extremely heavy-duty design, ideal for high throughput of extremely abrasive food.



Technical specifications

Abrasion resistance

- Highly abrasion-resistant

Medium

- Gas, Dust, Liquid, Solid

Areas of application

Applications

- Extraction units, Granulate dryer, Granulate conveying, Wood pellet conveying, Pharmaceutical, Powder management, Silo trucks, Vacuum conveyor, Vacuum pumps, Filling systems, Conveying of abrasive media, Feed transport, Grain conveying, Gravel conveying, Food production & conveying, Food pumps, Material conveying, Dairy products, Low-pressure applications, Pellet conveying, Pneumatic conveying systems, Ultra-pure and process water, Tank loading / Tank unloading, Animal feed, Extraction

Industries

- Agricultural industry
- Food industry
- Pharmaceutical industry
- Pump and compressor industry
- Conveying and processing industry / bulk material technology
- Glass, ceramics and refractory industry
- Silo and conveying technology industry

Pressure and temperature

Temperature normal range (min/max)

- -40 °C – 90 °C

Short-term temperature peak

- 125 °C

Material and colour

Colour

- Transparent

Material

- Premium polyether polyurethane (Pre-PUR®)

Material spiral

- Spring steel

Durability and standards

Durability inner tube core

- resistant to microbes and hydrolysis

Standards

- Approval acc. to EU-Directive 10/2011 (food simulants A, B, C or E and D2) and EC 1935/2004
- REACH according to --> Technology / Technical Information / REACH
- manufacturing process acc. GMP EC 2023/2006
- 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
- RoHS

Test conditions

- 2 hours at 70 °C (Category E), 2 hours at 70 °C (Category A), 2 hours at 70 °C (Category B), 2 hours at 70 °C (Category C), 5 minutes at 40 °C (Category D2)

Food standards

- EU 10/2011 Cat. A, EU 10/2011 Cat. C, EU 10/2011 Cat. B, EU 1935/2004, (GMP) EU 2023/2006, German Food and Feed Code (LFGB), EU 10/2011 Cat. E, EU 10/2011 Cat. D2

Compatibility

Type of assembly

- Clamp fitting

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Inner diameter	Outer diameter	Working pressure	Vacuum	Total wall thickness	Bending radius	Max. production length	Weight	Length	Spiral pitch	Article Number
[mm]	[mm]	[bar]	[bar]	[mm]	[mm]	[m]	[kg]	[m]	[mm]	
50	65	4.065	1	3.5	189	15	1.55	–	10,5	35600505100
60	75	3.455	1	3.5	216	15	1.82	10	10,5	35600605100
65	80	3.21	1	3.5	230	15	1.95	–	10,5	35600655100
75	90	2.815	1	3.5	257	15	2.22	–	10,5	35600755100
76	91	2.8	1	3.5	259	15	2.25	10	10,5	35600765100
80	95	2.655	1	3.5	270	15	2.35	–	10,5	35600805100
89	104	2.38	1	3.5	295	10	2.6	–	10,5	35600895100
90	105	2.38	1	3.5	297	15	2.96	–	10,5	35600905100
100	115	2.155	1	3.5	324	15	3.26	10	10,5	35601005100
102	117	2.005	1	3.5	330	15	3.32	10	10,5	35601025100
115	130	1.89	0.92	3.5	365	15	3.71	–	10,5	35601155100
125	140	1.745	0.845	3.5	392	15	4.02	10	10,5	35601255100
127	142	1.715	0.84	3.5	398	15	4.08	–	10,5	35601275100
130	145	1.65	0.82	3.5	410	15	4.17	–	10,5	35601305100
150	165	1.465	0.76	3.5	460	15	5.13	–	10,5	35601505100
152	167	1.355	0.75	3.5	465	15	5.19	–	10,5	35601525100