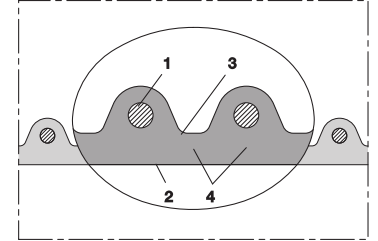
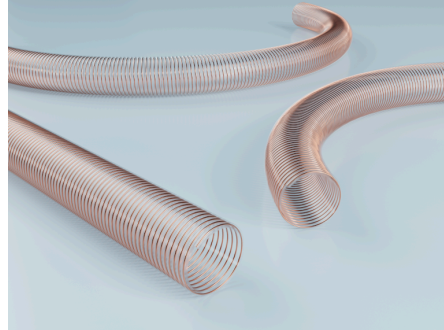
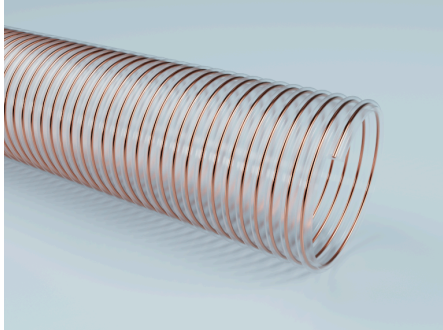


AIRDUC® PUR 356 FOOD (XHD)

SKU: 3561001

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



Durability and standards

Standards:

Approval acc. to EU-Directive 10/2011 (food simulants A, B, C or E and D2) and EC 1935/2004

conforms to RoHS guideline

REACH according to --> Technology / Technical Information / REACH

according to DIN 26057 Type 4

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

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

Pressure and temperature

Temperature normal range from: -40 °C

Temperature normal range to: 90 °C

Short-term temperature peak: 125 °C

Areas of application

Applications:

Exhaust air duct

Extraction units

Bulk-bag-charging and discharging

Pressure pump

Granulate dryer

Granulate conveying

Pharmaceutical

Powder management

Suction trucks

Silo trucks

Tablet presses

Vacuum conveyor

Vacuum pumps

Filling systems

Dosing systems

Conveying of abrasive media

Feed transport

Grain conveying

Food production & conveying

Food pumps

Material conveying

Dairy products

Low-pressure applications

Pneumatic conveying systems

Ultra-pure and process water

Seed conveying

Tank loading / Tank unloading

Animal feed

Packaging machines

Process and fresh water conveying

Extraction

Industries:

Chemical industry

Paper industry

Agricultural industry

Food industry

Pharmaceutical industry

Pump and compressor industry

Conveying and processing industry / bulk material technology

Silo and conveying technology industry

Technical specifications

Medium:

Gas

Dust

Liquid

Solid

AIRDUC® PUR 356 FOOD (XHD)

SKU: 3561001

Inner diameter	Outer diameter	Working pressure	Vacuum	Total wall thickness	Bending radius	Max. production length	Weight	Length	Article Number
[mm]	[mm]	[bar]	[bar]	[mm]	[mm]	[m]	[kg]	[m]	
32 mm	44 mm	4.9 bar	1 bar	2 mm	90 mm	25 m	0.64 kg	-	35600321001
38 mm	49 mm	4.19 bar	1 bar	2 mm	104 mm	25 m	0.73 kg	20 m	35600381001
40 mm	52 mm	3.995 bar	1 bar	2 mm	109 mm	25 m	0.77 kg	-	35600401001
50.5 mm	62.5 mm	3.245 bar	1 bar	2 mm	134 mm	25 m	0.95 kg	10 m	35600501001
51 mm	63 mm	3.155 bar	1 bar	2 mm	134 mm	25 m	0.96 kg	-	35600511001
60 mm	72 mm	2.735 bar	1 bar	2 mm	156 mm	25 m	1.11 kg	10 m	35600601001
63 mm	75 mm	2.635 bar	1 bar	2 mm	163 mm	25 m	1.16 kg	-	35600631001
65 mm	76 mm	2.535 bar	1 bar	2 mm	169 mm	25 m	1.18 kg	-	35600651001
70 mm	83 mm	2.36 bar	1 bar	2 mm	186 mm	25 m	1.28 kg	-	35600701001
75 mm	88 mm	2.21 bar	1 bar	2 mm	195 mm	25 m	1.37 kg	-	35600751001
76 mm	89 mm	2.205 bar	1 bar	2 mm	195 mm	25 m	1.38 kg	10 m	35600761001
80 mm	92 mm	2.075 bar	1 bar	2 mm	205 mm	25 m	1.44 kg	10 m	35600801001
100 mm	113 mm	1.855 bar	1 bar	2 mm	272 mm	25 m	2.28 kg	10 m	35601001001
102 mm	115 mm	1.7 bar	1 bar	2 mm	272 mm	25 m	2.32 kg	-	35601021001
125 mm	138 mm	1.495 bar	0.835 bar	2 mm	336 mm	25 m	2.81 kg	-	35601251001
127 mm	140 mm	1.37 bar	0.825 bar	2 mm	336 mm	25 m	2.86 kg	5 m, 10 m	35601271001
150 mm	164 mm	1.25 bar	0.695 bar	2 mm	435 mm	20 m	3.71 kg	-	35601501001
152 mm	166 mm	1.21 bar	0.685 bar	2 mm	435 mm	20 m	3.76 kg	-	35601521001

Overpressure and underpressure are recommended operating limits; products can be subjected to higher loads on request. The bend radius is measured along the inside of the hose bend. Subject to technical changes. All specifications are general guide values and refer to 20 °C. Further technical information: www.norres-baggerman.com.