## AIRDUC® PUR 356 FOOD REINFORCED





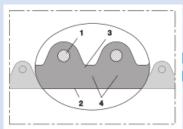












Food hose and pharmaceutical hose, superheavy and reinforced

### **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
- silo, silo vehicle/ silo truck, tanker/ tank truck: silo charging, silo discharging
- silo, silo vehicle/ silo truck, tanker/ tank truck: conveying of wood pellets, plastic granulate, plastic powder
- silo, silo vehicle/ silo truck, tanker/ tank truck: conveying of e.g. rice, dry food, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods

#### **Properties**

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

- 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
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

### **Temperature Range**

- -40°C to 90°C
- short time to 125°C

• short time to 125°C

Design

- AIRDUC<sup>®</sup> profile hose
- spring steel wire firmly embedded in wall
- wall: special premium ether-polyurethane (Pre-
- 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)

outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Order No.
(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	
67.00	4,065	1,000	189.00	1.49	10	356-0050-5100
68.00	3,850	1,000	192.00	1.50	10	356-0051-5100
77.00	3,455	1,000	216.00	1.76	10	356-0060-5100
80.00	3,330	1,000	224.00	1.81	10	356-0063-5100
82.00	3,210	1,000	230.00	1.89	10	356-0065-5100
92.00	2,815	1,000	257.00	2.04	10	356-0075-5100
87.00	2,800	1,000	259.00	2.08	10	356-0076-5100
97.00	2,655	1,000	270.00	2.30	10	356-0080-5100
106.00	2,380	1,000	295.00	2.84	10	356-0089-5100
107.00	2,380	1,000	297.00	2.90	10	356-0090-5100
117.00	2,155	1,000	324.00	3.20	10	356-0100-5100
119.00	2,005	1,000	330.00	3.26	10	356-0102-5100
132.00	1,890	0,920	365.00	3.64	10	356-0115-5100
142.00	1,745	0,845	392.00	3.95	10	356-0125-5100
144.00	1,715	0,840	398.00	4.01	10	356-0127-5100
	67.00 68.00 77.00 80.00 82.00 92.00 87.00 97.00 106.00 107.00 117.00 119.00 132.00 142.00	67.00 4,065 68.00 3,850 77.00 3,455 80.00 3,330 82.00 3,210 92.00 2,815 87.00 2,800 97.00 2,655 106.00 2,380 107.00 2,380 117.00 2,155 119.00 2,005 132.00 1,890 142.00 1,745	67.00       4,065       1,000         68.00       3,850       1,000         77.00       3,455       1,000         80.00       3,330       1,000         82.00       3,210       1,000         92.00       2,815       1,000         87.00       2,800       1,000         97.00       2,655       1,000         106.00       2,380       1,000         107.00       2,380       1,000         117.00       2,155       1,000         119.00       2,005       1,000         132.00       1,890       0,920         142.00       1,745       0,845	(mm)         (bar)         (bar)         (mm)           67.00         4,065         1,000         189.00           68.00         3,850         1,000         192.00           77.00         3,455         1,000         216.00           80.00         3,330         1,000         224.00           82.00         3,210         1,000         230.00           92.00         2,815         1,000         257.00           87.00         2,800         1,000         259.00           97.00         2,655         1,000         270.00           106.00         2,380         1,000         295.00           107.00         2,380         1,000         297.00           117.00         2,155         1,000         324.00           119.00         2,005         1,000         330.00           132.00         1,890         0,920         365.00           142.00         1,745         0,845         392.00	(mm)         (bar)         (bar)         (mm)         (kg/m)           67.00         4,065         1,000         189.00         1.49           68.00         3,850         1,000         192.00         1.50           77.00         3,455         1,000         216.00         1.76           80.00         3,330         1,000         224.00         1.81           82.00         3,210         1,000         230.00         1.89           92.00         2,815         1,000         257.00         2.04           87.00         2,800         1,000         259.00         2.08           97.00         2,655         1,000         270.00         2.30           106.00         2,380         1,000         295.00         2.84           107.00         2,380         1,000         297.00         2.90           117.00         2,155         1,000         324.00         3.20           119.00         2,005         1,000         330.00         3.26           132.00         1,890         0,920         365.00         3.64           142.00         1,745         0,845         392.00         3.95	(mm)         (bar)         (bar)         (mm)         (kg/m)         (m)           67.00         4,065         1,000         189.00         1.49         10           68.00         3,850         1,000         192.00         1.50         10           77.00         3,455         1,000         216.00         1.76         10           80.00         3,330         1,000         224.00         1.81         10           82.00         3,210         1,000         230.00         1.89         10           92.00         2,815         1,000         257.00         2.04         10           87.00         2,800         1,000         259.00         2.08         10           97.00         2,655         1,000         270.00         2.30         10           106.00         2,380         1,000         295.00         2.84         10           107.00         2,380         1,000         297.00         2.90         10           117.00         2,155         1,000         324.00         3.20         10           119.00         2,005         1,000         330.00         3.26         10           132.00

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/

www.norres.com 1

# AIRDUC® PUR 356 FOOD REINFORCED













I.D.	outer Ø	Pressure (bar)	Vacuum (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock	Order No.
- / 150	167.00	1,465	0,760	460.00	<b>(kg/m)</b> 5.05	(m) 10	356-0150-5100
6 / 152	169.00	1,355	0,750	465.00	5.11	10	356-0152-5100

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional information at www.norres.com/en/technology/

### **Accessories**



**CONNECT TANK** TRUCK BRASS 252 254





**ALU 253** 



CONNECT KARDAN CONNECT KAMLOK CONNECT STORZ DIN ALU 251



CLAMP 211



**CONNECT 230**