

## Food hose and pharmaceutical hose, super-heavy

### Applications

- 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
- mixer, dryer, packaging machine, bulk-bag (big bag)-charging and discharging, mill
- agricultural industry: pneumatic grain conveyer
- animal stall, animal shed: feedstuff conveying, feedstuff plant, animal feed transport
- paper mill, paper and pulp industry: waste water, air extraction
- 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
- 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, EC 1935/2004 and EU 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600
- 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
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- according to DIN 26057 Type 4
- 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 2,0 to 2,5 mm approx.
- reinforcement of the primary abrasion areas

### Delivery variants

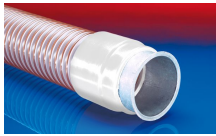
- further diameters and lengths available on request
- transparent (standard)
- customer-specific branding

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
1,25 / 32	43.00	4,900	1,000	90.00	0.68	-	10	356-0032-1001
1,5 / 38	49.00	4,190	1,000	104.00	0.79	-	10	356-0038-1001
- / 40	51.00	3,995	1,000	109.00	0.82	-	10	356-0040-1001
- / 50	61.00	3,245	1,000	134.00	1.00	10	15	356-0050-1001
2 / 51	62.00	3,155	1,000	134.00	1.02	-	10	356-0051-1001
2,36 / 60	71.00	2,735	1,000	156.00	1.18	10	5	356-0060-1001
2,5 / 63	74.00	2,635	1,000	163.00	1.23	-	5 15	356-0063-1001
- / 65	76.00	2,535	1,000	169.00	1.27	-	10 15	356-0065-1001
- / 70	82.00	2,360	1,000	186.00	1.37	-	10	356-0070-1001
- / 75	87.00	2,210	1,000	195.00	1.46	-	5 10	356-0075-1001
3 / 76	88.00	2,205	1,000	195.00	1.48	10	5 15	356-0076-1001
- / 80	92.00	2,075	1,000	205.00	1.55	-	5 10	356-0080-1001
- / 100	113.00	1,855	1,000	272.00	2.27	10	5	356-0100-1001
4 / 102	115.00	1,70	1,000	272.00	2.31	-	5 10 15	356-0102-1001
- / 125	138.00	1,495	0,835	336.00	2.80	-	10	356-0125-1001
5 / 127	140.00	1,370	0,825	336.00	2.84	5 10	15	356-0127-1001

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/](http://www.norres.com/en/technology/).

## Accessories

CONNECT 240 + 241  
FOOD



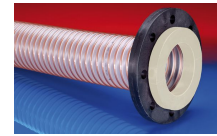
CONNECT 243  
FOOD



CONNECT THREAD  
FITTING 234



CLAMP 216



CONNECT 244  
FOOD



CONNECT ASEPTIC  
FITTING 249



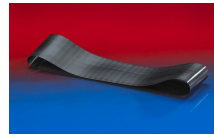
CONNECT 246  
FOOD



CONNECT SAFETY  
CLAMP ASSEMBLY  
231



CLAMP 211



CONNECT 228



CONNECT TRI-  
CLAMP FITTING 245



CONNECT MOULD  
ASSEMBLY 233



CONNECT DAIRY  
FITTING 247



CONNECT 245  
FOOD



CONNECT PRESS  
ASSEMBLY 232