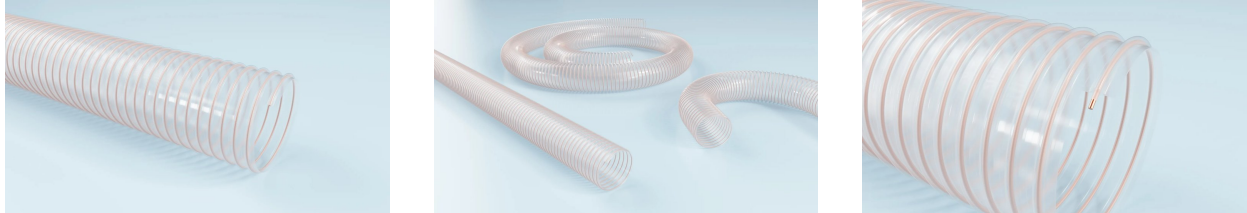


FOOD/PHARMA

AIRDUC® PE 362 FOOD (MD)

Food-grade PE suction and pressure hose — chemical-resistant, for food and pharma industry



Suction and pressure hose in polyethylene, food-grade certified per FDA 21 CFR 177.1520 3.1 + 3.2 as well as EU 10/2011 and EC 1935/2004. Manufactured per (GMP) EU 2023/2006. Designed for transport of dry foods, powders and granulates in food, pharma and chemical industries. PE material's broad chemical resistance combined with food-grade approval makes the hose usable on multi-purpose installations where both food and chemical media must be handled.

Media: Gas, Dust

Temp: -35 °C to 80 °C

✓ Cut to length

APPLICATIONS

- Dry foods (flour, sugar, salt)
- Granulates and pellets in the food chain
- Pharma powder handling
- Bulk-bag charging and discharging
- Dairy powder
- Chemical vapour extraction (food-grade compatible)

Technical specifications

Material	Polyethylene (PE) food-grade
Colour	Transparent or lightly tinted
Wall construction	Smooth interior, food-grade PE
Spiral material	rigid PE
Conveying media	Gas, Dust
Temperature range	-35 °C – 80 °C
Short-term peak	80 °C
Cut to length	Yes
Manufacturer SKU	3620000

Standards and compliance

fda-21-cfr-177, EU 10/2011, REACH, RoHS

Dimensions and ordering

The hose is supplied in 25 standard sizes from inner Ø 25.0 mm to 250.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
25	31	0.6	1.455	0.57	17	15	0.22	10	36200250000
28	34	0.6	1.375	0.54	20	15	0.25	10	36200280000
30	38	0.6	0.98	0.52	22	15	0.22	-	36200300000
32	40	0.6	0.92	0.505	23	15	0.23	-	36200320000
38	46	0.6	0.78	0.475	26	15	0.27	10	36200380000
40	48	0.6	0.74	0.46	27	15	0.28	10	36200400000
45	53	0.6	0.66	0.43	30	15	0.32	-	36200450000
50.5	58.5	0.6	0.595	0.395	32	15	0.35	10	36200500000
55	63	0.6	0.54	0.35	35	15	0.38	-	36200550000
60	68	0.6	0.5	0.32	37	15	0.41	10	36200600000
64.5	72.5	0.6	0.46	0.275	40	15	0.44	10	36200650000
70	78.5	0.6	0.43	0.23	44	15	0.56	10	36200700000
75	83.5	0.6	0.4	0.21	47	15	0.6	10	36200750000
80	88.5	0.6	0.375	0.2	49	15	0.64	10	36200800000
90	98.5	0.6	0.335	0.17	54	15	0.72	10	36200900000
100	109	0.6	0.3	0.135	59	15	0.79	10	36201000000
110	118.5	0.6	0.275	0.12	64	15	0.87	10	36201100000
120	128.5	0.6	0.25	0.115	69	15	0.94	-	36201200000
126.5	135	0.6	0.24	0.09	72	15	0.99	10	36201250000
130	139	0.6	0.2	0.09	80	15	1.02	-	36201300000
151.5	160	0.6	0.2	0.09	84	10	1.18	-	36201500000
160	168.5	0.6	0.19	0.075	89	10	1.25	-	36201600000
180	189	0.6	0.15	0.06	101	10	1.4	-	36201800000
202.3	212.3	0.6	0.15	0.06	110	15	1.58	-	36202000000
250	260	0.6	0.12	0.025	135	15	1.94	-	36202500000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.