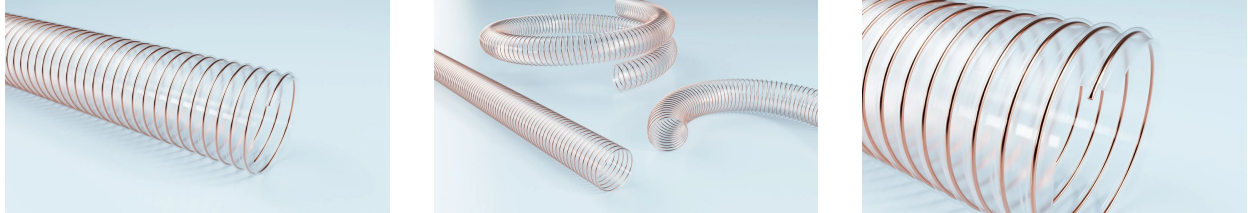


FOOD/PHARMA

# AIRDUC® PUR 355 FOOD (HD)

Heavy-duty food-grade PUR hose for abrasive media



Heavy-duty food-grade suction and pressure hose in polyurethane for high-throughput conveyance of abrasive foods and pharmaceutical media. HD wall (DIN 26057 Type 3 implied), approved per EU 10/2011 across all categories (A, B, C, D2 and E), EC 1935/2004, FDA 21 CFR 177.2600 and GMP EC 2023/2006. Also flame-retardant per UL94-V2, which makes it broadly capable — the combination of heavy-duty + full food approval + flame retardance is not common.

**Media:** Gas, Dust, Liquid, Granulate

✓ Cut to length

## APPLICATIONS

- Pneumatic conveying of dry foodstuffs (flour, sugar, salt, grain fractions)
- Bulk-bag filling and discharging on production lines
- Tablet presses and powder transfer in pharmaceutical industry
- Aquaculture and fish-feed transport
- Tank loading and unloading at silo installations
- Pneumatic conveying systems for high-throughput abrasive foods

## Technical specifications

<b>Material</b>	Polyurethane (PUR), food-grade
<b>Colour</b>	Transparent
<b>Wall construction</b>	Heavy-duty (HD), spiral-reinforced food-grade PUR
<b>Conveying media</b>	Gas, Dust, Liquid, Granulate
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3551001

### Standards and compliance

DIN 26057 Type 2, EU 1935/2004, EU 10/2011, FDA 21 CFR 177.2600, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 37 standard sizes from inner Ø 13.0 mm to 400.0 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]	Press. 50% [bar]	Vacuum DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
13	20	1	4.5	8.59	1	1	14	15	0.14	10	35500131001
16	23	1	4.41	7.14	1	1	15	15	0.16	15	35500161001
20	27	1.2	4.25	6.88	1	1	17	25	0.24	10	35500201001
22	29	1.2	3.9	6.31	0.95	1	18	25	0.26	-	35500221001
25.1	32.1	1.2	3.47	5.61	0.9	1	20	25	0.29	10	35500251001
30	40	1.5	3.6	5.82	0.88	1	25	25	0.43	-	35500301001
32	42	1.5	3.395	5.49	0.875	1	26	25	0.45	10	35500321001
35	45	1.5	3.125	5.05	0.87	1	28	25	0.49	-	35500351001
38	48	1.5	2.895	4.68	0.865	1	29	30	0.52	10, 15	35500381001
40	50	1.5	2.76	4.46	0.855	1	30	30	0.55	10	35500401001
45	55	1.5	2.47	3.99	0.845	1	33	30	0.61	-	35500451001
50.5	60.5	1.5	2.235	3.61	0.835	1	35	30	0.68	10, 15	35500501001
55	65	1.5	2.045	3.3	0.79	1	38	30	0.73	15	35500551001
60	70	1.5	1.88	3.03	0.73	1	40	30	0.79	10	35500601001
64.5	74.5	1.5	1.74	2.81	0.675	1	43	30	0.85	10, 15	35500651001
70	81	1.5	1.62	2.61	0.605	1	62	25	0.99	10, 15	35500701001
75	86	1.5	1.515	2.45	0.555	1	66	25	1.01	10	35500751001
80	91	1.5	1.425	2.3	0.505	1	69	25	1.13	10	35500801001
90	101	1.5	1.27	2.05	0.385	0.89	76	25	1.19	15	35500901001
101.5	112.5	1.5	1.15	1.85	0.355	0.95	83	25	1.52	10	35501001001
110	121	1.5	1.045	1.69	0.325	0.78	90	25	1.64	10	35501101001
115	126	1.5	1	1.61	0.3	0.71	94	25	1.71	10	35501151001
120	131	1.5	0.96	1.55	0.28	0.65	97	25	1.78	-	35501201001
126.5	137.5	1.5	0.925	1.49	0.265	0.6	101	25	1.87	10, 15	35501251001
127	138	1.5	0.925	1.49	0.265	0.6	101	25	1.88	-	35501271001
130	141	1.5	0.89	1.43	0.24	0.56	104	25	1.92	-	35501301001
140	151	1.5	0.825	1.33	0.215	0.48	111	25	1.96	10	35501401001
151.5	163.5	1.5	0.77	1.24	0.18	0.56	118	20	2.45	10, 15	35501501001
160	172	1.5	0.725	1.17	0.165	0.49	125	20	2.58	-	35501601001
165	179	1.5	0.705	1.13	0.16	0.46	129	20	2.68	-	35501651001
180	192	1.5	0.645	1.04	0.135	0.39	139	20	2.9	10	35501801001
202.3	215.3	1.5	0.58	0.94	0.12	0.35	156	15	3.18	5, 10, 15	35502001001

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Press. 50% [bar]	Vacuum DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
250	263	1.5	0.465	0.75	0.075	0.21	191	15	3.91	10	35502501001
255	268	1.5	0.39	0.63	0.065	0.19	195	15	3.99	-	35502551001
300	313	1.5	0.39	0.63	0.065	0.19	226	10	5.21	-	35503001001
350	363	1.5	-	-	-	-	-	10	6.07	-	35503501001
400	413	1.5	-	-	-	-	-	10	8.12	-	35504001001

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## Contact and advisory

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### Particulair

Højtoften 12  
2690 Karlslunde, Denmark  
CVR: 34129894

Phone: (+45) 70 23 12 03  
E-mail: [sales@particulair.com](mailto:sales@particulair.com)  
Web: [particulair.eu](https://particulair.eu)

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