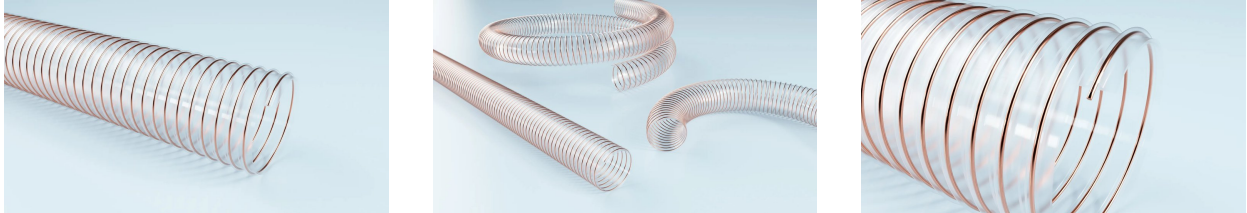


## ABRASION-RESISTANT

# AIRDUC® PUR 355 FISH (HD)

Heavy-duty PUR hose specifically for aquaculture and fish farming



Wear-resistant PUR hose in heavy-duty construction from inner Ø 101.5 mm up to Ø 500 mm, with a 1.5 mm wall and embedded steel spiral. The smooth inner surface makes it equally suited to two purposes: pneumatic conveying of abrasive media at industrial volumes, and pumping live fish and fish feed in aquaculture. Not all PUR hoses cover both — the smooth wall is the defining feature.

**Media:** Liquid, Granulate

**Temp:** -40 °C to 90 °C

✓ Cut to length

## APPLICATIONS

- Pneumatic transport of liquid and granulate
- Industrial extraction and collection
- Process plants and production environments
- Mobile installations and flexible routing
- Vacuum and low-pressure systems

## Technical specifications

<b>Material</b>	Food-grade polyurethane (PUR), heavy-duty
<b>Colour</b>	Transparent
<b>Wall construction</b>	Heavy-duty PUR wall with extra-smooth inner surface
<b>Conveying media</b>	Liquid, Granulate
<b>Temperature range</b>	-40 °C – 90 °C
<b>Short-term peak</b>	125 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3551001-FISH

### Standards and compliance

EU 1935/2004, EU 10/2011, FDA 21 CFR 177.2600, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 12 standard sizes from inner Ø 101.5 mm to 500.0 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]	Weight [kg/m]	Roll [m]	Article no.
101.5	112.5	1.5	1.15	1.85	0.355	0.95	83	1.52	10	35501006400
140	151	1.5	0.89	1.43	0.24	0.56	111	1.96	10	35501406400
151.5	163.5	1.5	0.77	1.24	0.18	0.56	118	2.45	10	35501506400
160	172	1.5	0.725	1.17	0.165	0.49	125	2.58	-	35501606400
180	192	1.5	0.645	1.04	0.135	0.39	139	2.9	10	35501806400
202.3	215.3	1.5	0.58	0.94	0.12	0.35	156	3.18	5	35502006400
254	267	1.5	0.39	0.95	0.65	0.19	195	3.99	10	35502546400
305	318	1.5	0.425	0.79	0.09	0.19	230	5.3	-	35503056400
350	363	1.5	0.37	0.69	0.075	0.13	261	6.07	10	35503506400
406	419	1.5	-	-	-	-	302	8.236	10	35504066400
450	463	1.5	-	-	-	-	331	9.115	10	35504506400
500	513	1.5	0.26	0.48	0.055	0.07	367	10.113	10	35505006400

## Other Particulair microsities

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We build specialised microsities for critical industries. Each site provides in-depth product data, documentation and expert guidance for the domain it covers.

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<a href="https://particulair.eu/life-science">particulair.eu/life-science</a>	Vacuums for pharma and cleanroom
<a href="https://particulair.eu/hardo">particulair.eu/hardo</a>	Explosion-protected electrical Ex-equipment

## Contact and advisory

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**Product page:** [particulair.eu/flexcore/en/abrasive/airduc-pur-355-fish-hd/](https://particulair.eu/flexcore/en/abrasive/airduc-pur-355-fish-hd/)

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### SMARTER THINKING • BETTER WORKING

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.