

FOOD/PHARMA

# POLYFORM

Food-grade pressureless water hose — transparent, for food and pharma



Food-grade pressureless water hose in transparent PVC, certified per EU 10/2011 (cat. A, B, C), LFGB and GMP EU 2023/2006. Service from  $-20\text{ }^{\circ}\text{C}$  to  $+60\text{ }^{\circ}\text{C}$ . Designed for pressureless applications in food and pharma industry. Also used as cable protection hose. The transparent construction enables visual flow verification.

**Media:** Liquid, Gas

**Temp:**  $-20\text{ }^{\circ}\text{C}$  to  $60\text{ }^{\circ}\text{C}$

✓ Cut to length

## APPLICATIONS

- Pressureless water transport in food production
- Vacuum pumps
- Beverage production
- Filling systems
- Wastewater handling (food-grade)
- Cable protection in food-grade installations

## Technical specifications

<b>Material</b>	PVC, food-grade
<b>Colour</b>	Transparent
<b>Wall construction</b>	Smooth interior + exterior, pressureless
<b>Conveying media</b>	Liquid, Gas
<b>Temperature range</b>	-20 °C – 60 °C
<b>Short-term peak</b>	60 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	4041

### Standards and compliance

EU 10/2011, en-iso-1307, lfgb, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 24 standard sizes from inner Ø 3.0 mm to 50.0 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]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
3	5	1	100	0.016	100	4041003005
4	6	1	100	0.02	100	4041004006
4	7	1.5	100	0.032	100	4041004007
5	8	1.5	100	0.04	100	4041005008
6	9	1.5	100	0.045	100	4041006009
6	10	2	100	0.06	100	4041006010
7	10	1.5	100	0.051	100	4041007010
8	12	2	50	0.08	50	4041008012
9	13	2	50	0.088	50	4041009013
10	14	2	50	0.096	50	4041010014
12	16	2	50	0.112	50	4041012016
13	18	2.5	50	0.155	50	4041013018
14	19	2.5	50	0.165	50	4041014019
15	20	2.5	50	0.175	50	4041015020
16	22	3	50	0.23	50	4041016022
18	24	3	50	0.25	50	4041018024
19	27	4	50	0.37	50	4041019027
20	26	3	50	0.28	50	4041020026
22	28	3	50	0.3	50	4041022028
25	31	3	50	0.34	50	4041025031
30	37	3.5	50	0.47	50	4041030037
32	40	4	50	0.58	50	4041032040
38	48	5	50	0.86	50	4041038048
50	60	5	50	1.1	50	4041050060

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.

## Other Particulair microsities

---

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

<a href="https://particulair.eu/ex-vac">particulair.eu/ex-vac</a>	ATEX and ACD vacuum cleaners for explosion hazard zones
<a href="https://particulair.eu/vace">particulair.eu/vace</a>	Nozzles and accessories for critical environments
<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

---

### 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)

**Product page:** [particulair.eu/flexcore/en/food-pharma/polyform/](https://particulair.eu/flexcore/en/food-pharma/polyform/)

---

### 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.