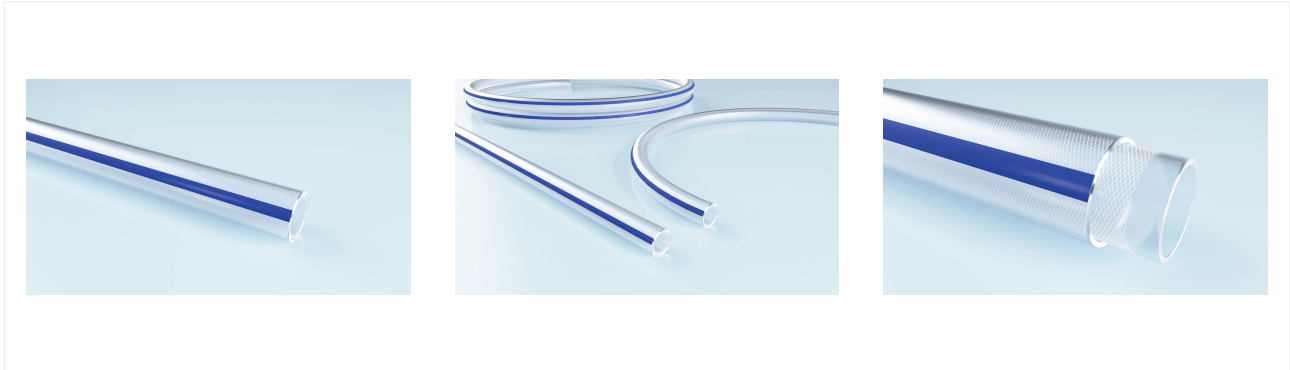


FOOD/PHARMA

# POLYFLEX

Food-grade flexible compressed air hose — for water and compressed air systems



Flexible compressed air hose in transparent PVC, food-grade certified per EU 10/2011 (cat. A, B, C) and German LFGB. Designed for transport of water, compressed air and use in compressed air systems. Manufactured per (GMP) EU 2023/2006. Suitable for irrigation, compressed air supply and light chemical transport. EN ISO 1307:2008.

**Media:** Liquid, Gas

**Temp:** -15 °C to 60 °C

✓ Cut to length

## APPLICATIONS

- Irrigation (food-grade)
- Compressed air supply
- Compressed air systems in food production
- Light chemical transport
- Beverage production

## Technical specifications

<b>Material</b>	PVC, food-grade
<b>Colour</b>	Transparent
<b>Wall construction</b>	Smooth interior + exterior
<b>Conveying media</b>	Liquid, Gas
<b>Temperature range</b>	-15 °C – 60 °C
<b>Short-term peak</b>	60 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	4200

### Standards and compliance

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

## Dimensions and ordering

The hose is supplied in 16 standard sizes from inner Ø 5.0 mm to 51.0 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]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
5	11	3	20	50	0.1	50	4200005011
6	12	3	20	50	0.11	50	4200006012
8	14	3	20	50	0.135	50	4200008014
9	15	3	20	50	0.145	50	4200009015
10	16	3	20	50	0.155	50	4200010016
12	21	4.5	15	50	0.295	50	4200012021
13	19	3	15	50	0.19	50	4200013019
13	20	3.5	15	50	0.23	50	4200013020
15	21	3	15	50	0.215	50	4200015021
16	24	4	10	50	0.275	50	4200016024
19	27	4	10	50	0.37	50	4200019027
25	34	4.5	10	50	0.47	50	4200025034
30	38	4	10	50	0.64	50	4200030038
32	42	5	10	50	0.74	50	4200032042
38	48	5	10	50	0.86	50	4200038048
51	64	6.5	7	25	1.39	25	4200050060

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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## Contact and advisory

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

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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.