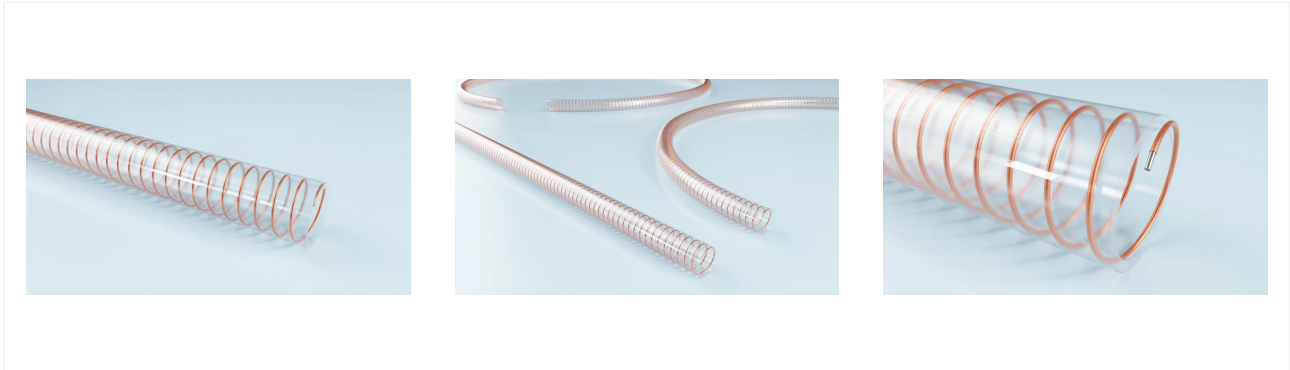


## ABRASION-RESISTANT

# ARMOFLEX/PU/FOOD

Food-certified PU suction and pressure hose for liquid and dry foodstuffs



ARMOFLEX/PU/FOOD is a food-certified suction and pressure hose in PU construction with embedded steel spiral. Resistance to abrasive media (granulate, powder, pellets) combined with EU 10/2011 approval in five categories makes the hose well-suited to food and pharma production where both hygiene and wear resistance matter.

**Media:** Liquid, Dust, Granulate

**Temp:** -25 °C to 85 °C

✓ Cut to length

## APPLICATIONS

- Food production: liquid and dry transport
- Beverage factories: dairy-based, juice, sugar solutions
- Bakery and milling: flour and dough transport
- Pharma production: bulk raw materials and excipients
- Abrasive foods: coffee beans, sugar granulate, grain
- CIP-compatible process cleaning

## Technical specifications

<b>Material</b>	PU (polyurethane) outer wall and inner lining
<b>Colour</b>	transparent
<b>Wall construction</b>	Smooth outer wall, smooth PU lining with encased steel spiral
<b>Spiral material</b>	Coated staal (encased)
<b>Conveying media</b>	Liquid, Dust, Granulate
<b>Temperature range</b>	-25 °C – 85 °C
<b>Short-term peak</b>	85 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	4483

### Standards and compliance

en-iso-1307, EU 1935/2004, EU 10/2011, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 3 standard sizes from inner Ø 38.0 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]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
38	47	4.5	5	0.9	270	30	0.77	30	4483038000
40	49	4.5	5	0.9	280	30	0.82	30	4483040000
51	61	5	5	0.9	360	30	1.2	30	4483050000

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/abrasive/armoflex-pu-food/](https://particulair.eu/flexcore/en/abrasive/armoflex-pu-food/)

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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.