

FOOD/PHARMA

NORFLEX® PUR 441 FOOD

Food-grade PUR hose — abrasion-resistant, transparent, for dry and liquid food



Highly flexible food-grade PU hose, extremely abrasion-resistant and crush-resistant. Designed for transporting both dry and liquid food — particularly grain, beverages, dairy products and animal feed. Service from -40 °C to $+90\text{ °C}$, short-term peak $+125\text{ °C}$. The PU wall is microbe-resistant and therefore suited for long-term food installations.

Media: Liquid, Dust, Gas

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Water hose in food production
- Beverage filling
- Grain conveying and dairy
- Cooling water connections
- Food pump linings
- Animal feed handling

Technical specifications

Material	Polyurethane (PUR), food-grade, with polyester reinforcement
Colour	Transparent (core and cover)
Wall construction	Smooth interior + exterior, polyester reinforcement
Spiral material	polyester plies
Conveying media	Liquid, Dust, Gas
Temperature range	-40 °C – 90 °C
Short-term peak	125 °C
Cut to length	Yes
Manufacturer SKU	4410000

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 8 standard sizes from inner Ø 2.9 mm to 19.0 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]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
2.9	5.7	1.4	20	14	50	0.02	50	44190290000
4	8	2	20	13	50	0.05	50	44190400000
6	10	2	16	22	50	0.06	50	44190600000
8	12	2	16	26	50	0.08	50	44190800000
9.5	13.5	2	14	45	50	0.09	50	44190950000
10	14.5	2.3	12	55	50	0.11	50	44191000000
13	19	3	10	79	50	0.19	50	44191300000
19	25	3	8	116	50	0.26	50	44191900000

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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