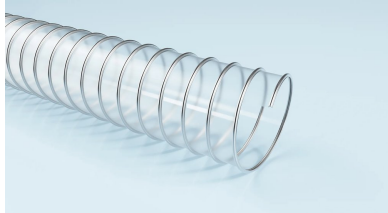
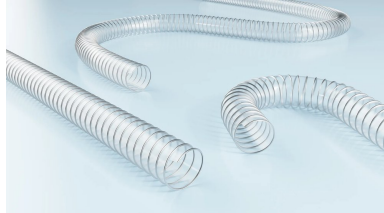


FOOD/PHARMA

CP PUR 455 FOOD INOX

Food-grade PUR clamp profile hose with stainless steel spiral, -40 to +90°C



CP PUR 455 FOOD INOX is a clamp profile hose with a food-grade PUR wall and stainless steel spiral. The manufacturer states a normal temperature range from -40 to +90°C and short-term up to +125°C, for gas and dust. It is supplied in 16 standard sizes from inner Ø 50 to 750 mm.

Media: Gas, Dust

Temp: -40°C to +90°C

✓ Cut to length

APPLICATIONS

- Extraction of gas and dust in food and pharma production
- Installations where the spiral must be stainless steel

Technical specifications

Material	Food-grade PUR wall with clamp profile and stainless steel (INOX) spiral
Wall construction	Clamp profile hose with food-grade PUR wall
Spiral material	Stainless steel (INOX) spiral
Conveying media	Gas, Dust
Temperature range	-40°C – +90°C
Short-term peak	+125°C
Cut to length	Yes
Manufacturer SKU	4557000

Standards and compliance

EU 10/2011, EU 1935/2004, eu-2015-174, FDA 21 CFR 177.2600 (silicone), GMP EU 2023/2006, REACH, RoHS

Dimensions and ordering

The hose is supplied in 16 standard sizes from inner Ø 50 mm to 750 mm. Each size has its own article number.

Inner Ø [mm]	Outer Ø [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Article no.
50	62	0.28	0.27	25	6	0.66	45500507000
60	72	0.235	0.22	28	10	0.77	45500607000
80	92	0.175	0.14	34	10	1.01	45500807000
100	112	0.14	0.085	40	15	1.06	45501007000
104	116	0.13	0.075	43	15	1.08	45501047000
120	132	0.12	0.065	46	15	1.24	45501207000
160	172	0.09	0.03	58	15	1.7	45501607000
180	192	0.08	0.025	64	15	1.9	45501807000
200	212	0.07	0.02	70	15	2.13	45502007000
210	222	0.065	0.02	75	15	2.21	45502107000
225	237	0.06	0.02	78	15	2.36	45502257000
250	262	0.055	0.015	85	15	2.62	45502507000
300	312	0.045	0.01	100	15	3.13	45503007000
350	362	0.04	0.01	115	15	3.64	45503507000
400	412	0.035	0.005	130	15	4.15	45504007000
750	762	0.02	0.001	235	6	7.73	45507507000

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 microsites

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

particulair.eu/ex-vac	ATEX and ACD vacuum cleaners for explosion hazard zones
particulair.eu/vace	Nozzles and accessories for critical environments
particulair.eu/life-science	Vacuums for pharma and cleanroom
particulair.eu/hardo	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
Web: particulair.eu

Product page: particulair.eu/flexcore/en/food-pharma-hoses/cp-pur-455-food-inox/

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.