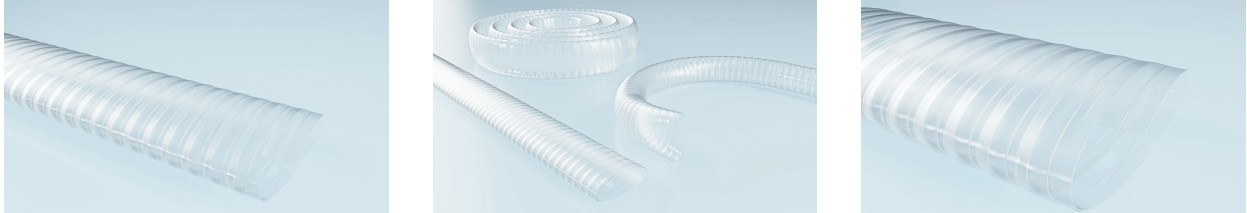


FOOD/PHARMA · II 3GD (interior zone 1/2 gases, zone 22 dust; exterior zone 1/21) — antistatic

# PROTAPE® PUR-C 335 FOOD-AS FLAT

Antistatic food flat hose — for screening machines and vibrating equipment in classified zones



Specialty hose for screening machines and vibrating equipment in food and pharmaceutical industries. Highly flexible, abrasion-resistant and vibration-resistant flat hose with a food-grade PUR wall and antistatic formulation. Food-grade per EU 10/2011, FDA 21 CFR 177.2600, GMP, and ATEX-approved for Zone 22 (dust, interior) plus Zone 1/2 (gases). Grounding wire integrated in the wall.

**R:**  $<10^9 \Omega$

**ATEX:** Zone 0/1/2 + 20/21/22

**Media:** Gas, Dust

**Temp:** -40 °C to 90 °C

✓ Cut to length

## APPLICATIONS

- Screening machines and tumbler screens in food/pharma production
- Vibrating equipment with food contact
- Bulk-bag filling and discharging
- Tobacco conveying and extraction
- Powder and granulate transport in classified zones
- Dairy industry and milk processing

# Technical specifications

<b>Material</b>	Polyurethane (PUR-C), food-grade and antistatic; integrated grounding wire
<b>Colour</b>	Transparent
<b>Wall construction</b>	Flat construction for screening machines, 1 mm wall, grounding wire
<b>Spiral material</b>	grounding wire (1 wire) integrated in wall
<b>Conveying media</b>	Gas, Dust
<b>Temperature range</b>	-40 °C – 90 °C
<b>Short-term peak</b>	125 °C
<b>Electrical resistance</b>	$<10^9 \Omega$
<b>ATEX classification</b>	II 3GD (interior zone 1/2 gases, zone 22 dust; exterior zone 1/21) — antistatic ATEX 2014/34/EU (1999/92/EC) + TRGS 727
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3350000

## Standards and compliance

ATEX 2014/34/EU, TRGS 727, EU 1935/2004, EU 10/2011, fda-21-cfr-177-2600, gmp-eu-2023-2006, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 27 standard sizes from inner Ø 50.5 mm to 450.0 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.
50.5	53.05	1	0.58	2	0.36	-	33500500000
60	63	1	0.56	2	0.42	-	33500600000
80	83	1	0.51	5	0.56	-	33500800000
85	88	1	0.48	5	0.59	5	33500850000
90	93	1	-	5	0.63	-	33500900000
101.5	104.5	1	0.41	5	0.71	5	33501000000
110	113	1	0.375	5	0.76	5	33501100000
115	118	1	0.355	5	0.8	-	33501150000
120	123	1	0.34	5	0.83	-	33501200000
126.5	129.5	1	0.33	5	0.88	5	33501250000
151.5	154.5	1	0.275	5	1.05	5	33501500000
155	158	1	0.265	5	1.07	5	33501550000
160	163	1	0.255	5	1.11	-	33501600000
165	168	1	0.25	5	1.14	5	33501650000
180	183	1	0.23	5	1.25	5	33501800000
203	206	1	0.205	5	1.4	5	33502000000
205	208	1	0.2	5	1.42	0, 5	33502050000
220	223	1	0.185	5	1.52	5	33502200000
225	228	1	-	5	1.55	-	33502250000
250	253	1	0.165	5	1.73	5	33502500000
275	278	1	0.15	5	1.9	5	33502750000
305	308	1	0.135	5	2.1	5	33503050000
350	353	1	0.115	5	2.41	5	33503500000
356	359	1	-	5	2.45	-	33503560000
400	403	1	-	5	2.75	-	33504000000
405	408	1	0.105	5	2.79	5	33504050000
450	453	1	-	5	3.1	-	33504500000

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

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

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<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

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**Product page:** [particulair.eu/flexcore/en/food-pharma/protape-pur-c-335-food-as-flat/](https://particulair.eu/flexcore/en/food-pharma/protape-pur-c-335-food-as-flat/)

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