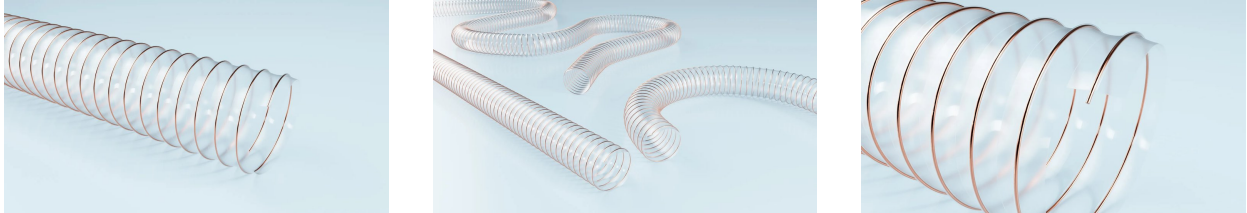


FOOD/PHARMA

PROTAPE® PUR 331 FOOD (XLD)

Light-duty food hose — XLD construction for extraction and filling lines in pharma and food



Food-grade suction and pressure hose in extra-light-duty (XLD) construction. Flexibility and low weight make it ideal for processes where the hose moves often — filling machines, mobile extraction and powder management on pharma and food lines. Food-grade per all relevant simulants in EU 10/2011, FDA 21 CFR 177.2600 and GMP EU 2023/2006.

Media: Gas, Dust

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Mobile filling machines and packaging lines
- Powder management in pharmaceutical production
- Tablet presses with light powders
- Extraction arms in food production
- Filter and dedusting systems in food industry
- Grain pneumatics with light loading

Technical specifications

| | |
|--------------------------|--|
| Material | Polyurethane (PUR), food-grade |
| Colour | Transparent |
| Wall construction | Extra light duty (XLD), spiral-reinforced food-grade PUR |
| Spiral material | spring steel wire, embedded in PUR wall |
| Conveying media | Gas, Dust |
| Temperature range | -40 °C – 90 °C |
| Short-term peak | 125 °C |
| Cut to length | Yes |
| Manufacturer SKU | 3310000 |

Standards and compliance

EU 1935/2004, EU 10/2011, fda-21-cfr-177-2600, gmp-eu-2023-2006, ifgb, REACH, RoHS

Dimensions and ordering

The hose is supplied in 14 standard sizes from inner Ø 50.5 mm to 255.0 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] | Press. 50% [bar] | Vacuum DIN [bar] | Vacuum axial [bar] | Bend rad. [mm] | Max len. [m] | Weight [kg/m] | Article no. |
|--------------|--------------|---------------|------------------|------------------|------------------|--------------------|----------------|--------------|---------------|-------------|
| 50.5 | 58.5 | 0.4 | 0.48 | 1.42 | 0.17 | 0.85 | 33 | 20 | 0.27 | 33100500000 |
| 60 | 68 | 0.4 | 0.405 | 1.19 | 0.145 | 0.59 | 38 | 20 | 0.32 | 33100600000 |
| 75.6 | 83.6 | 0.4 | 0.325 | 0.95 | 0.115 | 0.39 | 45 | 20 | 0.4 | 33100750000 |
| 80 | 88 | 0.4 | 0.305 | 0.89 | 0.11 | 0.34 | 48 | 20 | 0.42 | 33100800000 |
| 90 | 98 | 0.4 | - | - | - | - | 53 | 20 | 0.47 | 33100900000 |
| 101.5 | 109.5 | 0.4 | 0.245 | 0.71 | 0.055 | 0.3 | 58 | 20 | 0.49 | 33101000000 |
| 140 | 148 | 0.4 | - | - | - | - | 78 | 20 | 0.67 | 33101400000 |
| 151.5 | 159.5 | 0.4 | 0.16 | 0.48 | 0.035 | 0.13 | 83 | 10 | 0.72 | 33101500000 |
| 155 | 163 | 0.4 | - | - | - | - | - | 10 | 0.74 | 33101550000 |
| 160 | 168 | 0.4 | 0.15 | 0.45 | 0.035 | 0.12 | 88 | 10 | 0.76 | 33101600000 |
| 180 | 188 | 0.4 | - | - | - | - | 98 | 10 | 0.85 | 33101800000 |
| 204 | 213 | 0.4 | - | - | - | - | - | 15 | 1.06 | 33102040000 |
| 210 | 219 | 0.4 | - | - | - | - | - | 15 | 1.09 | 33102100000 |
| 255 | 264 | 0.4 | - | - | - | - | - | 15 | 1.32 | 33102550000 |

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

We build specialised microsities 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/protape-pur-331-food-xld/

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.