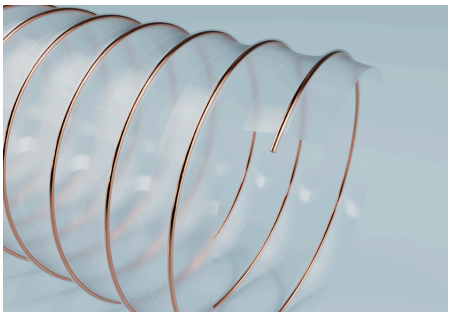
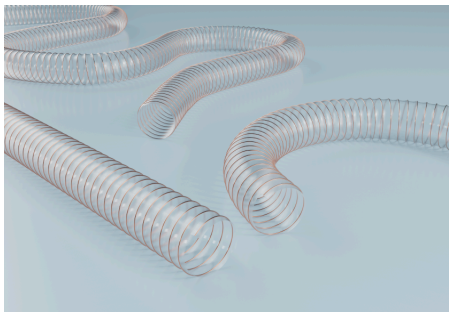
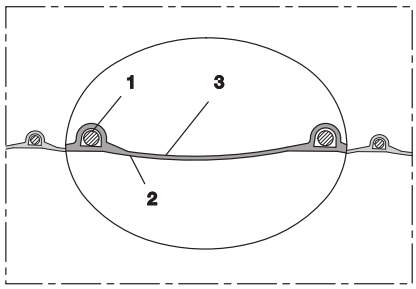
PROTAPE© PUR 331 FOOD (XLD)

SKU: 3310000

Food-grade suction and pressure hose, highly flexible and abrasion-resistant, ideal for conveying food and pharmaceuticals, as well as for use in extraction units and filter systems.







Technical specifications

Abrasion resistance

- Highly abrasion-resistant

Compressibility

- highly flexible + compressible 3:1

Medium

- Gas, Dust

Areas of application

Applications

- Extraction arms, Extraction units, Asbestos sanitation, Bulk-bag charging and discharging, Dedusting systems, Spray mist extraction, Filter systems, Film blowing machines, Pharmaceutical, Powder management, Tumbler screening machines, Oil mist extraction, Filling systems, Grain conveying, Food production & conveying, Drying, Packaging machines, Extraction

Industries

- Food industry, Pharmaceutical industry, Tobacco industry

Pressure and temperature

Temperature normal range (min/max)

- -40 °C – 90 °C

Short-term temperature peak

- 125 °C

Material and color

Color

- Transparent

Material

- Premium polyether polyurethane (Pre-PUR®)

Material spiral

- Spring steel

Durability and standards

Durability inner tube core

- Microbe-resistant, hydrolysis-resistant, Oil, Petrol, Chemical resistance

Standards

- Approval acc. to EU-Directive 10/2011 (food simulants A, B, C or E and D2) and EC 1935/2004
- Approved by an independent testing laboratory for the complete hose acc. to EU-Directive 10/2011, EC 1935/2004 and EU 2015/174, food grade polyurethane, complies with: FDA 21 CFR 177.2600
- REACH (EG 1907/2006)
- RoHS

Durability outer cover

- abrasion-resistant

Test conditions

- 2 hours at 158 °F (70 °C) (Category E), 2 hours at 158 °F (70 °C) (Category A), 2 hours at 158 °F (70 °C) (Category B), 2 hours at 158 °F (70 °C) (Category C), 5 minutes at 104 °F (40 °C) (Category D2)

Food standards

- EU 10/2011 Cat. A, EU 10/2011 Cat. C, EU 10/2011 Cat. B, EU 1935/2004, German Food and Feed Code (LFGB), EU 10/2011 Cat. E, EU 10/2011 Cat. D2

All information in this technical data sheet has been carefully reviewed; however, no warranty or liability can be accepted for the accuracy, completeness, or currentness of the information provided. Positive pressure and vacuum are operating limit values at 68 °F (20 °C). The bend radius is measured on the inside of the hose bend. Subject to technical changes.

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Inner diameter [mm]	Outer diameter [mm]	Working pressure according to DIN 26057 (10% elongation) [bar]	Working pressure at 50% elongation [bar]	Vacuum DIN 26057 [bar]	Vacuum axially fixed [bar]	Total wall thickness [mm]	Bending radius [mm]	Max. production length [m]	Weight [kg]	Spiral pitch [mm]	Article Number
50.5	58.5	0.48	1.42	0.17	0.85	0.4	33	20	0.27	16	33100500000
60	68	0.405	1.19	0.145	0.59	0.4	38	20	0.32	16	33100600000
75.6	83.6	0.325	0.95	0.115	0.39	0.4	45	20	0.4	16	33100750000
80	88	0.305	0.89	0.11	0.34	0.4	48	20	0.42	16	33100800000
90	98	0.245	0.71	0.055	0.3	0.4	53	20	0.47	16	33100900000
101.5	109.5	0.245	0.71	0.055	0.3	0.4	58	20	0.49	23	33101000000
140	148	0.16	0.48	0.035	0.13	0.4	78	20	0.67	23	33101400000
151.5	159.5	0.16	0.48	0.035	0.13	0.4	83	10	0.72	23	33101500000
155	163	0.15	0.45	0.035	0.12	0.4	88	10	0.74	23	33101550000
160	168	0.15	0.45	0.035	0.12	0.4	88	10	0.76	23	33101600000
180	188	0.135	0.4	0.03	0.09	0.4	98	10	0.85	23	33101800000
204	213	0.11	0.32	0.02	0.08	0.4	120	15	1.06	26	33102040000
210	219	0.11	0.32	0.02	0.08	0.4	120	15	1.09	26	33102100000
255	264	0.095	0.28	0.02	0.06	0.4	144	15	1.32	26	33102550000

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