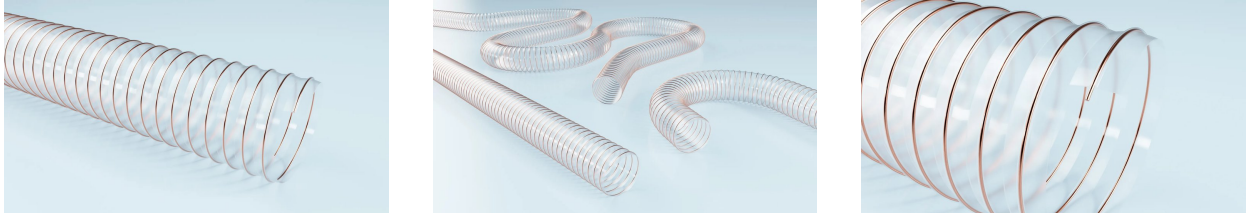


FOOD/PHARMA

PROTAPE® PUR 330 FOOD (LD)

Highly flexible food hose — LD construction for food, pharma and medical technology



Highly flexible and abrasion-resistant food hose in light-duty (LD) construction. Broad application spectrum from pneumatic conveyance of food powders to cable protection and air supply in medical technology. Food-grade per all relevant categories in EU 10/2011, FDA 21 CFR 177.2600, GMP and LFGB.

Media: Gas, Dust

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Pneumatic conveyance of food powders and granulates
- Bulk-bag filling and discharging in food production
- Cable protection and air supply in medical technology
- Extraction and dust extraction in food zones
- Dairy industry and bakeries
- Drying systems and granulate transport

Technical specifications

Material	Polyurethane (PUR), food-grade
Colour	Transparent
Wall construction	Light duty (LD), 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	3300000

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 43 standard sizes from inner Ø 25.1 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]	Press. 50% [bar]	Vacuum DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
25.1	30	0.6	1.605	4.18	0.54	1	20	20	0.14	10	33000250000
30	35	0.6	1.35	3.5	0.45	1	22	20	0.17	10, 15	33000300000
32	37	0.6	1.265	3.29	0.42	1	23	20	0.18	10	33000320000
35	41	0.6	-	-	-	-	-	20	0.2	-	33000350000
38	43	0.6	1.075	2.78	0.355	0.77	26	20	0.21	10	33000380000
40	48	0.6	1.02	2.64	0.335	0.69	27	30	0.25	10, 15	33000400000
45	53	0.6	0.91	2.35	0.3	0.55	30	30	0.28	-	33000450000
50.5	58.5	0.6	0.82	2.12	0.22	0.87	33	30	0.35	10, 15	33000500000
60	68	0.6	0.685	1.77	0.18	0.61	38	30	0.41	10, 15	33000600000
64.5	72.5	0.6	0.635	1.64	0.165	0.52	41	30	0.44	10	33000650000
70	78	0.6	0.59	1.52	0.155	0.45	43	30	0.47	10	33000700000
75.6	83.6	0.6	0.55	1.42	0.145	0.4	46	30	0.51	10	33000750000
80	88	0.6	0.515	1.33	0.135	0.35	48	30	0.54	10, 15	33000800000
83	91	0.6	-	-	-	-	-	30	0.56	-	33000830000
90	98	0.6	0.46	1.19	0.12	0.28	53	30	0.6	10	33000900000
101.5	109.5	0.6	0.415	1.07	0.08	0.31	58	30	0.64	10, 15	33001000000
105	113	0.6	-	-	-	-	-	30	0.66	-	33001050000
110	118	0.6	0.375	0.97	0.07	0.26	63	30	0.69	10	33001100000
115	123	0.6	0.36	0.93	0.07	0.24	66	30	0.72	-	33001150000
120	128	0.6	0.345	0.89	0.065	0.22	68	30	0.75	10	33001200000
126.5	134.5	0.6	0.335	0.86	0.065	0.2	71	30	0.79	10	33001250000
126.5	134.5	0.6	-	-	-	-	-	30	0.79	-	33001270000
130	138	0.6	0.32	0.82	0.06	0.19	73	30	0.81	10	33001300000
140	148	0.6	0.295	0.76	0.055	0.16	78	30	0.87	10	33001400000
151.5	159.5	0.6	0.275	0.71	0.055	0.14	83	25	0.94	10, 15	33001500000
151.5	159.5	0.6	-	-	-	-	-	25	0.94	-	33001520000
155	163	0.6	-	-	-	-	-	25	0.96	-	33001550000
160	168	0.6	0.26	0.67	0.05	0.12	88	25	0.99	10	33001600000
170	178	0.6	0.245	0.63	0.045	0.11	93	25	1.05	-	33001700000
175	183	0.6	0.24	0.61	0.045	0.1	96	25	1.08	-	33001750000
180	188	0.6	0.23	0.59	0.045	0.1	98	25	1.11	10	33001800000
202.3	210.3	0.6	0.21	0.54	0.03	0.11	108	20	1.33	10	33002000000

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]	Roll [m]	Article no.
225	233	0.6	0.185	0.48	0.025	0.09	121	20	1.4	-	33002250000
250	258	0.6	0.165	0.43	0.025	0.07	133	15	1.56	10	33002500000
254	262	0.6	0.165	0.42	0.025	0.06	135	15	1.58	-	33002540000
280	288	0.6	0.15	0.38	0.02	0.05	148	15	1.74	-	33002800000
300	309	0.6	0.14	0.36	0.02	0.05	159	10	2.04	10	33003000000
305	314	0.6	-	-	-	-	161	10	2.07	-	33003050000
315	324	0.6	0.135	0.34	0.02	0.05	167	10	2.14	-	33003150000
325	334	0.6	0.13	0.33	0.02	0.04	172	10	2.2	-	33003250000
350	359	0.6	0.12	0.31	0.02	0.04	184	10	2.37	10	33003500000
400	409	0.6	0.105	0.27	0.015	0.02	209	10	2.71	10	33004000000
450	459	0.6	0.095	0.24	0.015	0.02	234	10	3.04	-	33004500000

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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