



PVC hose, light

Application

- flexible hose/ ducting for gases and for dust, powder, fibres
- extraction unit, dedusting system, filter system, oil mist extraction
- galvanic extraction
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- X-ray machine: cable protection conduit (special type on request)
- heating hose: exterior hose as protection hose

Properties

- light weight
- highly flexible + compressible 3:1

- good resistance to alkalis and acids
- good resistance to chemicals
- phthalate-free
- flame-retardant according to: UL94-HB
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- -20 °C to 70 °C
- short time to 80 °C

Design

- patented PROTAPE® tape hose
- spring steel wire integrated in wall
- wall: high grade soft PVC
- wall thickness 0,5 mm approx.

Delivery variants

- further diameters and lengths available on request
- grey (standard)
- special colours: transparent, full coloured
- customer-specific branding
- ID >= 2"/50-51mm compressed packed in poly bag (low transportation cost / risk, minimum storage size), ID < 2"/50-51mm not compressed, wrapped in a coil

I.D.	outer Ø	Pressure	Vacuum	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
- / 30	37.00	0,930	0,200	22.00	0.24	5 10 15	-	310-0030-0000
1,25 / 32	39.00	0,875	0,200	23.00	0.26	5 10 15	-	310-0032-0000
1,5 / 38	45.00	0,740	0,185	26.00	0.30	5 10 15	-	310-0038-0000
- / 40	47.00	0,705	0,180	27.00	0.32	5 10 15	-	310-0040-0000
2 / 50-51	58.00	0,410	0,155	33.00	0.31	5 10 15	-	310-0050-0000
- / 55	63.00	0,370	0,140	36.00	0.33	5 10 15	-	310-0055-0000
2,36 / 60	68.00	0,340	0,120	38.00	0.36	5 10 15	-	310-0060-0000
2,5 / 63-65	73.00	0,315	0,105	41.00	0.39	5 10 15	-	310-0065-0000
- / 70	78.00	0,295	0,090	43.00	0.42	5 10 15	-	310-0070-0000
3 / 75-76	83.00	0,275	0,085	46.00	0.45	5 10 15	-	310-0075-0000
- / 80	88.00	0,255	0,075	48.00	0.47	5 10 15	-	310-0080-0000
3,5 / 89-90	98.00	0,230	0,065	53.00	0.53	5 10 15	-	310-0090-0000
4 / 100-102	108.00	0,205	0,050	58.00	0.57	5 10 15	-	310-0100-0000
- / 110	118.00	0,185	0,045	63.00	0.62	5 10 15	-	310-0110-0000
4,5 / 114-115	123.00	0,180	0,045	66.00	0.65	5 10 15	-	310-0115-0000
4,72 / 120	128.00	0,170	0,045	68.00	0.68	5 10 15	-	310-0120-0000
5 / 125-127	133.00	0,165	0,035	71.00	0.71	5 10 15	-	310-0125-0000
- / 130	138.00	0,160	0,035	73.00	0.73	5 10 15	-	310-0130-0000
5,5 / 140	148.00	0,145	0,035	78.00	0.79	5 10 15	-	310-0140-0000
6 / 150-152	158.00	0,135	0,035	83.00	0.84	5 10 15	-	310-0150-0000
6,3 / 160	168.00	0,130	0,030	88.00	0.87	5 10 15	-	310-0160-0000
7 / 178-180	188.00	0,115	0,025	98.00	1.00	5 10 15	-	310-0180-0000
8 / 200-203	208.00	0,105	0,025	108.00	1.11	5 10	-	310-0200-0000
- / 225	233.00	0,090	0,015	121.00	1.25	5 10	-	310-0225-0000

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(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
- / 250	258.00	0,085	0,010	133.00	1.39	5 10	-	310-0250-0000
- / 300	309.00	0,070	0,010	159.00	1.95	5 10	-	310-0300-0000

Sondertyp DB.P1: größere Steigung, höhere Stauchbarkeit, 0.4mm Wandstärke, weniger Gewicht, Lagerware nur in Italien

- / 30	34.00	0,850	0,140	0.00	0.14	10	5 6 15 20	310-0030-2025
- / 40	44.00	0,645	0,105	0.00	0.18	10	5 6 15 20	310-0040-2025
2 / 50-51	54.00	0,515	0,086	0.00	0.23	10	5 6 15 20	310-0050-2025
2,36 / 60	64.00	0,430	0,072	0.00	0.27	10	5 6 15 20	310-0060-2025
2,5 / 63-65	69.00	0,400	0,065	0.00	0.29	10	5 6 15 20	310-0065-2025
- / 70	74.00	0,370	0,060	0.00	0.32	10	5 6 15 20	310-0070-2025
3 / 75-76	79.00	0,345	0,060	0.00	0.34	10	5 6 15 20	310-0075-2025
- / 80	84.00	0,325	0,055	0.00	0.36	10	5 6 15 20	310-0080-2025
3,5 / 89-90	94.00	0,290	0,050	0.00	0.40	10	5 6 15 20	310-0090-2025
4 / 100-102	104.40	0,260	0,045	0.00	0.38	10	5 6 15 20	310-0100-2025
- / 110	114.40	0,240	0,040	0.00	0.41	10	5 6 15 20	310-0110-2025
4,72 / 120	124.40	0,220	0,035	0.00	0.45	10	5 6 15 20	310-0120-2025
5 / 125-127	129.40	0,220	0,035	0.00	0.47	10	5 6 15 20	310-0125-2025
- / 130	134.40	0,200	0,033	0.00	0.49	10	5 6 15 20	310-0130-2025
5,5 / 140	144.40	0,185	0,030	0.00	0.56	10	5 6 15 20	310-0140-2025
6 / 150-152	154.40	0,175	0,030	0.00	0.56	10	5 6 15 20	310-0150-2025
6,3 / 160	164.40	0,165	0,030	0.00	0.60	10	5 6 15 20	310-0160-2025
7 / 178-180	184.40	0,145	0,025	0.00	0.67	10	5 6 15 20	310-0180-2025
8 / 200-203	204.80	0,130	0,022	0.00	0.72	10	5 6 15	310-0200-2025
- / 225	229.80	0,115	0,019	0.00	0.81	10	5 6 15	310-0225-2025
- / 250	254.80	0,105	0,018	0.00	0.90	10	5 6 15	310-0250-2025
- / 275	279.80	0,095	0,016	0.00	0.90	10	5 6 15	310-0275-2025
- / 300	304.80	0,090	0,015	0.00	1.08	10	5 6 15	310-0300-2025
- / 350	355.20	0,075	0,012	0.00	1.36	10	5 6	310-0350-2025
- / 400	405.60	0,065	0,011	0.00	1.50	-	5 6	310-0400-2025
- / 450	455.60	0,060	0,010	0.00	1.82	-	5 6	310-0450-2025
- / 500	505.60	0,050	0,009	0.00	2.02	-	5 6	310-0500-2025

Accessories



CLAMP 210 BRIDGE CLAMP



CONNECT 223



CLAMP 217



CONNECT 270-271



CLAMP 212



CLAMP 213



CONNECT 228