

CHEMICAL-RESISTANT

CP PTFE/GLASS-INOX 471

Double-layer clamp profile PTFE/glass-INOX hose — anti-adhesive, up to +270 °C, chemical-resistant



Highly flexible double-layer clamp profile hose with PTFE lining and glass fibre reinforcement, stainless steel clamp profile. Anti-adhesive surface and extremely chemical-resistant — designed for demanding applications in chemical industry where the medium is aggressive or where adhesion must be avoided. Service up to +260 °C continuous and peak +270 °C. 4:1 compressible.

Media: Gas, Dust, Liquid

Temp: 0 °C to 260 °C

✓ Cut to length

APPLICATIONS

- Aggressive chemical vapours and media
- Spray mist extraction
- Vapour return at high temperature
- Air supply in aggressive environments
- Powder management where adhesion must be avoided
- General extraction in demanding chemical industry

Technical specifications

Material	PTFE lining, glass fibre reinforcement, stainless steel clamp profile
Colour	Grey (PTFE) with external steel clamp
Wall construction	Double-layer PTFE + glass fibre, external INOX clamp
Spiral material	stainless steel (INOX)
Conveying media	Gas, Dust, Liquid
Temperature range	0 °C – 260 °C
Short-term peak	270 °C
Cut to length	Yes
Manufacturer SKU	4710000

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 28 standard sizes from inner Ø 50.5 mm to 700.0 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]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
50.5	62.5	0.41	0.3	18	20	0.56	6	47100500000
60	72	0.37	0.25	20	20	0.65	6	47100600000
63.5	76.5	0.355	0.23	22	20	0.69	6	47100650000
75.6	87.6	0.325	0.18	24	20	0.8	6	47100750000
80	92	0.315	0.16	24	20	0.85	6	47100800000
90	102	0.29	0.11	26	20	0.95	6	47100900000
101.5	113.5	0.195	0.1	28	20	0.8	3, 6	47101000000
110	122	0.185	0.085	30	20	0.86	3, 6	47101100000
120	132	0.175	0.075	32	20	0.93	3, 6	47101200000
126.5	138.5	0.17	0.07	34	20	0.98	3, 6	47101250000
130	142	0.165	0.06	34	20	1.01	3, 6	47101300000
140	152	0.16	0.05	36	20	1.08	3, 6	47101400000
151.5	163.5	0.11	0.04	38	20	0.85	3, 6	47101500000
160	172	0.105	0.035	40	20	0.9	3, 6	47101600000
170	182	0.1	0.03	42	20	0.95	3, 6	47101700000
180	192	0.095	0.03	44	20	1	3, 6	47101800000
202.3	214.3	0.09	0.025	48	20	1.12	3, 6	47102000000
215	227	0.085	0.02	52	20	1.19	3, 6	47102150000
250	262	0.065	0.02	58	20	1.38	3, 6	47102500000
254	266	0.065	0.02	60	20	1.4	3, 6	47102540000
300	312	0.055	0.01	68	20	1.65	3, 6	47103000000
305	317	0.055	0.01	69	15	1.68	3, 6	47103050000
315	327	0.055	0.01	71	15	1.73	3, 6	47103150000
320	332	0.045	0.01	75	20	1.76	-	47103200000
350	362	0.04	0.01	78	15	1.92	3, 6	47103500000
356	368	0.04	0.01	80	15	1.96	3, 6	47103560000
400	412	0.04	0.01	88	15	2.19	3, 6	47104000000
700	712	0.015	0.002	148	3	3.81	3	47107000000

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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