

## FLAME-RETARDANT

# CP PVC 465

Flame-retardant clamp profile hose — fabric-reinforced, chemical-resistant, for extraction arms and welding fume



Highly flexible clamp profile hose (CP) in PVC, flame-retardant according to NF P 92-503 M2 and fabric-reinforced. Galvanised steel clamp profile gives mechanical strength and exterior smoothness. Service from  $-10\text{ }^{\circ}\text{C}$  to  $+80\text{ }^{\circ}\text{C}$ , short-term peak  $+110\text{ }^{\circ}\text{C}$ . The hose is PVC-based and therefore has good chemical resistance to common industrial media at room temperature. Designed for extraction arms, welding fume and suction trucks.

**Media:** Gas, Dust

**Temp:**  $-10\text{ }^{\circ}\text{C}$  to  $80\text{ }^{\circ}\text{C}$

✓ Cut to length

## APPLICATIONS

- Extraction arms and extraction equipment
- Welding fume extraction
- Suction trucks (vacuum trucks)
- Vapour return — gas-vapour handling
- Air supply hoses in industry
- Hot air transport

## Technical specifications

<b>Material</b>	PVC wall, fabric-reinforced, with galvanised steel clamp profile
<b>Colour</b>	Grey
<b>Wall construction</b>	Highly flexible + compressible 4:1, clamp profile construction
<b>Spiral material</b>	galvanised steel clamp profile
<b>Conveying media</b>	Gas, Dust
<b>Temperature range</b>	-10 °C – 80 °C
<b>Short-term peak</b>	110 °C
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	4650000

### Standards and compliance

nf-p-92-503-m2, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 44 standard sizes from inner Ø 38.0 mm to 900.0 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.
38	50	0.525	0.35	14	6	0.34	6	46500380000
40	52	0.515	0.34	15	6	0.36	6	46500400000
50.5	62.5	0.47	0.34	18	20	0.44	3, 6	46500500000
55	67	0.45	0.28	20	20	0.47	6	46500550000
60	72	0.43	0.25	20	20	0.51	6	46500600000
64.5	76.5	0.41	0.23	22	20	0.54	6	46500650000
70	82	0.395	0.21	29	20	0.59	6	46500700000
75.6	87.6	0.38	0.18	24	20	0.63	6	46500750000
80	92	0.37	0.16	24	20	0.66	6	46500800000
90	102	0.345	0.11	26	20	0.74	6	46500900000
101.5	113.5	0.21	0.1	28	20	0.54	3, 6	46501000000
110	122	0.2	0.085	30	20	0.58	3, 6	46501100000
115	127	0.195	0.08	32	20	0.6	3, 6	46501150000
120	132	0.19	0.075	32	20	0.63	3, 6	46501200000
126.5	138.5	0.185	0.07	34	20	0.66	3, 6	46501250000
130	142	0.18	0.06	34	20	0.68	3, 6	46501300000
140	152	0.175	0.05	36	20	0.73	3, 6	46501400000
151.5	163.5	0.14	0.04	38	20	0.79	3, 6	46501500000
160	172	0.135	0.035	40	20	0.83	3, 6	46501600000
165	177	0.135	0.035	41	20	0.85	3, 6	46501650000
170	182	0.13	0.035	42	20	0.88	3, 6	46501700000
175	187	0.13	0.03	44	20	0.9	3, 6	46501750000
180	192	0.125	0.03	44	20	0.93	3, 6	46501800000
202.3	214.3	0.105	0.025	48	20	0.8	3, 6	46502000000
215	227	0.1	0.02	52	20	0.85	3, 6	46502150000
225	237	0.095	0.02	54	20	0.88	3, 6	46502250000
250	262	0.075	0.02	58	20	0.98	3, 6	46502500000
254	266	0.075	0.02	59	20	1	3, 6	46502540000
300	312	0.065	0.01	68	20	1.17	3, 6	46503000000
315	327	0.065	0.01	71	20	1.23	3, 6	46503150000
325	337	0.06	0.01	74	20	1.27	3, 6	46503250000
350	362	0.05	0.01	78	20	1.36	3, 6	46503500000

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.
356	368	0.05	0.01	79	20	1.39	3, 6	46503560000
400	412	0.045	0.01	88	20	1.55	3, 6	46504000000
406	418	0.045	0.01	89	15	1.58	3, 6	46504060000
450	462	0.04	0.005	98	15	1.75	3, 6	46504500000
500	512	0.04	0.005	108	15	1.94	3, 6	46505000000
600	612	0.025	0.005	128	15	2.32	3, 6	46506000000
630	642	0.023	0.04	135	6	2.44	-	46506300000
650	662	0.022	0.03	138	10	2.51	-	46506500000
700	712	0.02	0.002	148	6	2.7	3, 6	46507000000
712	724	0.02	0.001	151	6	2.75	3, 6	46507120000
800	812	0.02	0.001	168	6	3.09	3, 6	46508000000
900	912	0.015	0.001	188	6	3.47	3, 6	46509000000

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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