

FLAME-RETARDANT

CP PVC 466 HT

High-temperature clamp profile PVC hose — flame-retardant NF P 92-503 M1, up to +110 °C



Highly flexible clamp profile PVC hose, flame-retardant per NF P 92-503 M1 (a higher class than the M2 variants), fabric-reinforced and chemical-resistant. The HT designation marks the wider temperature range — service up to +110 °C continuous and peak +120 °C. Designed for extraction of chemical vapours, vapour return, powder management and welding fume extraction where temperature is higher than CP PVC 465's +80 °C limit.

Media: Gas, Dust

Temp: -10 °C to 110 °C

✓ Cut to length

APPLICATIONS

- Chemical vapour extraction (HT)
- Vapour return on hot process tanks
- Air supply at higher temperatures
- Powder management
- Welding fume from high-energy processes (TIG, MIG)
- Hot air transport

Technical specifications

Material	PVC wall (HT-formulated), fabric-reinforced, galvanised steel clamp profile
Colour	Grey
Wall construction	HT PVC wall, clamp profile construction
Spiral material	galvanised steel clamp profile
Conveying media	Gas, Dust
Temperature range	-10 °C – 110 °C
Short-term peak	120 °C
Cut to length	Yes
Manufacturer SKU	4660000

Standards and compliance

nf-p-92-503-m1, REACH, RoHS

Dimensions and ordering

The hose is supplied in 40 standard sizes from inner Ø 38.0 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.
38	50	0.9	0.37	14	6	0.34	6	46600380000
40	52	0.87	0.36	15	6	0.36	6	46600400000
50.5	62.5	0.82	0.32	18	20	0.44	6	46600500000
55	67	0.75	0.26	20	20	0.48	6	46600550000
60	72	0.65	0.22	20	20	0.52	6	46600600000
64.5	76.5	0.59	0.2	22	20	0.55	6	46600650000
70	82	0.52	0.17	22	20	0.59	6	46600700000
75.6	87.6	0.45	0.145	24	20	0.64	6	46600750000
80	92	0.42	0.12	24	20	0.67	6	46600800000
90	102	0.35	0.105	26	20	0.75	6	46600900000
101.5	113.5	0.3	0.09	28	20	0.55	6	46601000000
110	122	0.25	0.07	30	20	0.59	3, 6	46601100000
115	127	0.23	0.065	32	20	0.62	3, 6	46601150000
120	132	0.22	0.06	32	20	0.64	3, 6	46601200000
126.5	138.5	0.21	0.055	34	20	0.67	3, 6	46601250000
140	152	0.17	0.045	36	20	0.74	3, 6	46601400000
151.5	163.5	0.16	0.04	38	20	0.8	3, 6	46601500000
160	172	0.14	0.035	40	20	0.84	3, 6	46601600000
170	182	0.13	0.03	42	20	0.9	3, 6	46601700000
175	187	0.12	0.025	44	20	0.92	3, 6	46601750000
180	192	0.115	0.022	44	20	0.95	3, 6	46601800000
202.3	214.3	0.1	0.02	48	20	0.81	3, 6	46602000000
215	227	0.085	0.018	52	20	0.86	3, 6	46602150000
225	237	0.08	0.016	54	20	0.9	3, 6	46602250000
228.5	240.5	0.08	0.015	54	20	0.92	3, 6	46602280000
250	262	0.07	0.012	58	20	1	3, 6	46602500000
280	292	0.06	0.01	65	20	1.12	3, 6	46602800000
300	312	0.055	0.009	68	20	1.2	3, 6	46603000000
305	317	0.055	0.01	69	20	1.22	3, 6	46603050000
315	327	0.05	0.008	71	20	1.26	3, 6	46603150000
325	337	0.045	0.007	74	20	1.29	3, 6	46603250000
350	362	0.04	0.006	78	20	1.39	3, 6	46603500000

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.
375	387	0.035	0.005	83	20	1.49	3, 6	46603750000
400	412	0.03	0.005	88	20	1.59	3, 6	46604000000
406	418	0.03	0.005	89	15	1.61	3, 6	46604060000
450	462	0.025	0.004	98	15	1.78	3, 6	46604500000
457	469	0.025	0.005	100	15	1.81	3, 6	46604570000
500	512	0.02	0.003	108	15	1.98	3, 6	46605000000
560	572	-	-	-	6	2.21	-	46605600000
700	712	0.015	0.002	148	6	2.76	3, 6	46607000000

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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Contact and advisory

Particulair

Højtoften 12
2690 Karlslunde, Denmark
CVR: 34129894

Phone: (+45) 70 23 12 03
E-mail: sales@particulair.com
Web: particulair.eu

Product page: particulair.eu/flexcore/en/brandhaemmende/cp-pvc-466-ht/

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