

## CHEMICAL-RESISTANT

# CP PVC 465 AS

Antistatic PVC clamp profile hose — fabric-reinforced, for welding fume extraction and chemical vapours



Highly flexible antistatic PVC clamp profile hose with fabric reinforcement. Designed for industrial welding fume extraction and chemical vapour handling. Antistatic wall  $<10^9 \Omega$  per ISO 8031 ensures static dissipation in metal welding and chemical processes where friction against particles can generate static electricity.

**R:**  $<10^9 \Omega$

**Media:** Gas, Dust

**Temp:** -10 °C to 80 °C

✓ Cut to length

## APPLICATIONS

- Welding fume extraction on industrial welding stations
- Chemical vapour extraction in classified zones
- Powder management with static-electricity risk
- Vapour return systems

## Technical specifications

<b>Material</b>	PVC with fabric reinforcement, antistatic
<b>Colour</b>	Black/grey
<b>Wall construction</b>	Clamp profile with antistatic PVC, fabric-reinforced, compressible 4:1
<b>Spiral material</b>	galvanised steel clamp profile + fabric reinforcement
<b>Conveying media</b>	Gas, Dust
<b>Temperature range</b>	-10 °C – 80 °C
<b>Short-term peak</b>	80 °C
<b>Electrical resistance</b>	$<10^9 \Omega$
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	4651002

### Standards and compliance

REACH, RoHS

## Dimensions and ordering

The hose is supplied in 26 standard sizes from inner Ø 50.5 mm to 800.0 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	0.47	0.34	20	15	0.48	6	46500501002
60	72	0.43	0.25	22	20	0.56	6	46500601002
64.5	76.5	0.41	0.23	24	15	0.6	6	46500651002
75.6	87.6	0.38	0.18	26	6	0.69	6	46500751002
80	92	0.37	0.16	26	20	0.73	6	46500801002
90	102	0.345	0.11	28	6	0.81	6	46500901002
101.5	113.5	0.21	0.1	31	10	0.65	6	46501001002
110	122	0.2	0.085	33	6	0.7	3, 6	46501101002
115	127	0.195	0.08	35	6	0.73	3, 6	46501151002
120	132	0.19	0.075	35	6	0.76	3, 6	46501201002
126.5	138.5	0.18	0.07	37	6	0.8	3, 6	46501251002
160	172	0.135	0.035	43	6	0.72	3, 6	46501601002
170	182	0.13	0.035	45	6	0.76	3, 6	46501701002
180	192	0.125	0.03	47	6	0.8	3, 6	46501801002
202.3	214.3	0.105	0.025	51	10	0.9	3, 6	46502001002
215	227	0.1	0.02	55	15	0.95	3, 6	46502151002
225	237	0.095	0.02	57	6	1	3, 6	46502251002
250	262	0.075	0.02	61	10	1.1	3, 6	46502501002
305	317	0.065	0.01	72	6	1.34	3, 6	46503051002
315	327	0.065	0.01	74	15	1.39	3, 6	46503151002
330	342	0.06	0.01	78	6	1.45	3, 6	46503301002
350	362	0.05	0.01	81	15	1.54	3, 6	46503501002
356	368	0.05	0.01	82	6	1.56	3, 6	46503561002
450	462	0.04	0.005	101	6	1.97	3, 6	46504501002
610	622	0.025	0.005	133	6	2.66	3, 6	46506101002
800	812	0.02	0.001	171	6	3.48	3, 6	46508001002

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

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