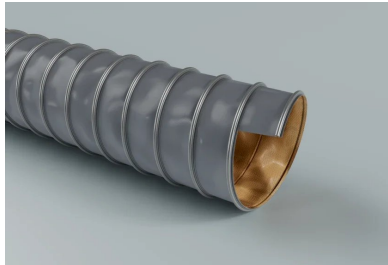
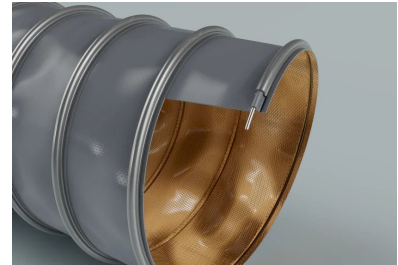


HIGH-TEMPERATURE

CP Kapton® 476

High-temperature clamp profile hose with Kapton® wall, –60 to +400°C



CP Kapton® 476 is a clamp profile hose with a Kapton® wall and galvanised steel clamp profile. The manufacturer states a normal temperature range from –60 to +400°C. The hose is highly flexible and compresses in a 4:1 ratio. It is used for exhaust gases, extraction arms and extraction of chemical vapours, among others, and is supplied in 25 standard sizes from inner Ø 50.5 to 500 mm.

Media: Gas

Temp: -60°C to +400°C

✓ Cut to length

APPLICATIONS

- Exhaust and waste gas
- Extraction arms and extraction units
- Extraction of chemical vapours and spray mist
- Vapour return and air supply
- Gas transport and powder handling

Technical specifications

Material	Kapton® wall with galvanised steel clamp profile
Wall construction	Clamp profile hose, highly flexible and compressible 4:1
Spiral material	Galvanised steel clamp profile
Conveying media	Gas
Temperature range	-60°C – +400°C
Cut to length	Yes
Manufacturer SKU	4760000

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 25 standard sizes from inner Ø 50.5 mm to 500 mm. Each size has its own article number. Standard roll lengths are 3, 6 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	0.52	0.37	18	15	0.63	6	47600500000
55	67	0.495	0.34	20	15	0.69	6	47600550000
60	72	0.475	0.31	20	15	0.74	6	47600600000
64.5	76.5	0.455	0.285	22	15	0.79	6	47600650000
75.6	87.6	0.415	0.225	24	15	0.92	6	47600750000
80	92	0.4	0.21	24	15	0.97	6	47600800000
90	102	0.37	0.195	26	15	1.08	6	47600900000
101.5	113.5	0.25	0.16	28	15	0.93	6	47601000000
110	122	0.235	0.13	30	15	1	3, 6	47601100000
115	127	0.23	0.12	32	15	1.04	3, 6	47601150000
120	132	0.225	0.113	32	15	1.09	3, 6	47601200000
126.5	138.5	0.215	0.105	34	15	1.14	3, 6	47601250000
140	152	0.2	0.075	36	15	1.26	3, 6	47601400000
151.5	163.5	0.14	0.07	38	15	0.99	3, 6	47601500000
160	172	0.135	0.056	40	15	1.04	3, 6	47601600000
165	177	0.13	0.056	41	15	1.07	3, 6	47601650000
170	182	0.13	0.056	42	15	1.1	3, 6	47601700000
180	192	0.125	0.048	44	15	1.16	3, 6	47601800000
202.3	214.3	0.115	0.04	48	15	1.3	3, 6	47602000000
250	262	0.08	0.027	58	15	1.6	3, 6	47602500000
275	287	0.075	0.02	64	15	1.76	3, 6	47602750000
300	312	0.07	0.016	68	15	1.91	3, 6	47603000000
315	327	0.07	0.016	71	15	2.01	3, 6	47603150000
350	362	0.055	0.015	78	15	2.23	3, 6	47603500000
500	512	0.04	0.005	110	15	3.17	3, 6	47605000000
-	92	-	-	-	-	-	-	47600805410
-	114	-	-	-	-	-	-	47601025410

Overpressure and underpressure are recommended operating limits; products can be subjected to higher loads on request. The bend radius is measured along the inside of the hose bend.

Other Particulair microsites

We build specialised microsites for critical industries. Each site provides in-depth product data, documentation and expert guidance for the domain it covers.

particulair.eu/ex-vac	ATEX and ACD vacuum cleaners for explosion hazard zones
particulair.eu/vace	Nozzles and accessories for critical environments
particulair.eu/life-science	Vacuums for pharma and cleanroom
particulair.eu/hardo	Explosion-protected electrical Ex-equipment

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/high-temperature-hoses/cp-kapton-476/

SMARTER THINKING • BETTER WORKING

This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.