

HIGH-TEMPERATURE

CP HiTex® 480

High-temperature clamp profile hose for smaller dimensions



Galvanised steel hose with clamp-profile construction for hot gases and vapours. This is the broad-range variant in the CP HiTex family — 47 standard sizes from Ø 38 mm to Ø 1016 mm cover everything from tight workshop extraction to large furnace and production installations. Specified for normal operation from -60 °C up to +280 °C with short-term peaks up to +500 °C. The construction is highly flexible and compressible, with no internal liner.

Media: Gas

Temp: -60 °C to 280 °C

✓ Cut to length

APPLICATIONS

- Pneumatic transport of gas
- Industrial extraction and collection
- Process plants and production environments
- Mobile installations and flexible routing
- Vacuum and low-pressure systems

Technical specifications

Material	Galvanised steel (clamp profile construction)
Colour	Silver-grey
Wall construction	Clamped profile bands over galvanised steel spiral
Spiral material	galvanised steel
Conveying media	Gas
Temperature range	-60 °C – 280 °C
Short-term peak	500 °C
Cut to length	Yes
Manufacturer SKU	4800000

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 47 standard sizes from inner Ø 38.0 mm to 1016.0 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]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
38	50	0.45	21	20	0.55	6	48000380000
40	52	0.44	22	15	0.58	3, 6	48000400000
50.5	62.5	0.38	25	15	0.62	6	48000500000
55	67	0.35	27	15	0.67	6	48000550000
57	69	0.32	28	15	0.69	-	48000570000
60	72	0.32	28	15	0.72	6	48000600000
64.5	76.5	0.29	30	15	0.77	6	48000650000
70	82	0.26	31	15	0.83	6	48000700000
75.6	87.6	0.23	33	15	0.89	6	48000750000
80	92	0.2	34	15	0.94	3, 6	48000800000
83	95	0.14	35	10	0.97	-	48000830000
90	102	0.14	37	15	1.05	3, 6	48000900000
101.5	113.5	0.12	51	15	0.9	3, 6	48001000000
110	122	0.105	55	15	0.97	3, 6	48001100000
115	127	0.098	57	15	1.01	3, 6	48001150000
120	132	0.09	59	15	1.05	3, 6	48001200000
126.5	138.5	0.085	61	15	1.11	-	48001270000
126.5	138.5	0.085	61	15	1.11	3, 6	48001250000
130	142	0.075	63	15	1.14	3, 6	48001300000
140	152	0.06	67	15	1.22	3, 6	48001400000
151.5	163.5	0.05	38	15	0.95	3, 6	48001500000
160	172	0.045	40	15	1	3, 6	48001600000
165	177	0.045	41	15	1.03	3, 6	48001650000
170	182	0.04	42	15	1.06	3, 6	48001700000
180	192	0.04	44	15	1.12	3, 6	48001800000
202.3	214.3	0.03	48	15	1.25	3, 6	48002000000
225	237	0.025	54	15	1.39	3, 6	48002250000
240	252	0.025	56	15	1.48	-	48002400000
250	262	0.025	58	15	1.54	3, 6	48002500000
254	266	0.02	60	15	1.56	3, 6	48002540000
275	287	0.02	64	15	1.69	3, 6	48002750000
280	292	0.015	65	15	1.72	3, 6	48002800000

Inner Ø [mm]	Outer Ø [mm]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
300	312	0.015	68	15	1.84	3, 6	48003000000
305	317	0.015	69	15	1.87	3, 6	48003050000
315	327	0.015	71	15	1.93	3, 6	48003150000
325	337	0.015	74	15	1.99	3, 6	48003250000
350	362	0.015	78	15	2.14	3, 6	48003500000
356	368	0.015	80	15	2.18	3, 6	48003560000
360	372	0.013	82	15	2.2	-	48003600000
400	412	0.01	88	15	2.44	3, 6	48004000000
406	418	0.01	90	15	2.48	3, 6	48004060000
450	462	0.01	98	15	2.74	3, 6	48004500000
500	512	0.005	108	10	3.05	3, 6	48005000000
530	542	0.005	115	7	3.23	-	48005300000
600	612	0.005	128	10	3.65	3	48006000000
700	712	0.002	148	3	4.25	3	48007000000
1016	1028	0.001	213	3	6.15	3	48010160000

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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/high-temperature/cp-hitex-480/

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