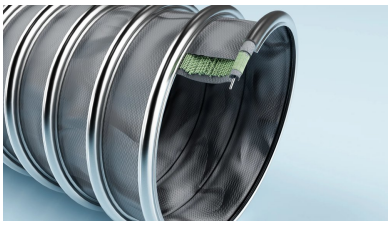
HIGH-TEMPERATURE

CP HiTex 483

Multi-layered extra-high-temperature hose with clamp profile up to 1100 °C peak



The CP HiTex family's top model for extreme temperature resistance. Multi-layer high-temperature fabric combined with stainless steel (INOX) clamp profile handles continuous operation up to +900 °C and short-term peaks up to +1100 °C. 28 standard sizes from Ø 101.5 mm to Ø 500 mm cover mid-size to large installations in glass, ceramic and refractory industries. Spark-resistant and highly flexible.

Media: Gas

Temp: -60 °C to 900 °C

✓ Cut to length

APPLICATIONS

- High-temperature exhaust from industrial kilns
- Smelting plants and high-temperature flue
- Welding fume and hot work
- Return ducts in process heating
- Drying plants and hot air systems above 500 °C

Technical specifications

Material	Multi-layered high-temperature fabric with stainless steel (INOX) clamp profile
Colour	Silver-grey
Wall construction	Multi-layered insulating high-temperature fabric with external INOX clamp profile for abrasion and spark protection
Spiral material	Stainless steel (INOX) clamp profile
Conveying media	Gas
Temperature range	-60 °C – 900 °C
Short-term peak	1100 °C
Cut to length	Yes
Manufacturer SKU	4830000

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 28 standard sizes from inner Ø 101.5 mm to 500.0 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.
101.5	121.5	0.13	0.18	64	10	1.75	3, 6	48301000000
115	135	0.12	0.15	72	10	1.97	3, 6	48301150000
120	140	0.115	0.14	74	10	2.04	3, 6	48301200000
126.5	146.5	0.115	0.12	77	10	2.15	3, 6	48301250000
130	150	0.11	0.11	79	10	2.2	3, 6	48301300000
140	160	0.105	0.09	84	10	2.36	3, 6	48301400000
151.5	171.5	0.07	0.075	89	10	1.9	3, 6	48301500000
160	180	0.065	0.07	94	10	2	3, 6	48301600000
170	190	0.065	0.065	99	10	2.11	3, 6	48301700000
175	195	0.065	0.06	102	10	2.17	3, 6	48301750000
180	200	0.065	0.055	104	10	2.23	3, 6	48301800000
202.3	222.3	0.06	0.045	114	10	2.49	3, 6	48302000000
215	235	0.055	0.04	122	10	2.64	3, 6	48302150000
220	240	-	0.04	125	8	2.7	-	48302200000
225	245	0.055	0.04	127	10	2.76	3, 6	48302250000
250	270	0.04	0.035	139	10	3.05	3, 6	48302500000
254	274	0.04	0.03	141	10	3.1	3, 6	48302540000
280	300	0.04	0.025	154	10	3.41	3, 6	48302800000
300	320	0.035	0.025	164	10	3.64	3, 6	48303000000
315	335	0.035	0.025	172	10	3.82	3, 6	48303150000
325	345	0.035	0.015	177	10	3.93	3, 6	48303250000
350	370	0.025	0.015	189	10	4.23	3, 6	48303500000
356	376	0.025	0.015	192	10	4.3	3, 6	48303560000
375	395	0.025	0.015	202	10	4.52	3, 6	48303750000
400	420	0.025	0.01	214	10	4.82	3, 6	48304000000
406	426	0.025	0.01	217	6	4.89	3, 6	48304060000
450	470	0.02	0.01	239	6	5.4	3, 6	48304500000
500	520	0.02	0.01	264	6	5.99	3, 6	48305000000

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.

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