



APPLICATIONS

Suction and blast hose, especially suitable:

- For solids such as dust, powder and fibres
- For gaseous media such as vapors and smoke
- For de-dusting and suction plants, flue gas extraction, blast furnace exhaust and welding gas exhaust
- For exhaust gas technique, engine construction, engine warming, aircraft construction and military construction
- As bellows and compensator

PROPERTIES

- Multi-layer
- Insulating
- Extremely heat resistant
- Flexible
- Abrasion protection via external clamp profile
- Firm clamping of the wall in clamp profile
- Kink-proof
- Very robust

MATERIAL

- Wall: interior stainless steel wire reinforced and special coated glass fabric, thermo-insulation fabric, exterior special coated glass fabric
- Clamp profile: stainless steel (VA)

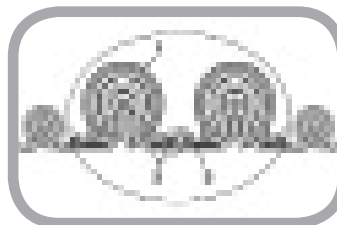
TEMPERATURE RANGE

- -60°C approx to +900°C approx
- Short time to +1,100°C approx

CONSTRUCTION

Patented CP construction

- 1 Clamp profile supporting spiral (metal band and wire)
- 2 Multi-layer wall
- 3 Special thermal insulation layer



CP HiTex 483

I.D	O.D	Recommended Operating Limits		Bending Radius (middle of hose)	Weight	Further Production Lengths	Order Number
		Overpressure bar	Vacuum bar				
mm	mm	bar	bar	mm	kg/m	mm	
100	114	0.13	0.18	114	2.80	6	483-0100-0000
110	124	0.12	0.16	124	3.05	6	483-0110-0000
120	134	0.115	0.14	134	3.31	6	483-0120-0000
125	139	0.11	0.12	139	3.43	6	483-0125-0000
130	144	0.105	0.11	144	3.56	6	483-0130-0000
140	154	0.1	0.09	154	3.82	6	483-0140-0000
150	164	0.07	0.075	164	3.07	6	483-0150-0000
160	174	0.065	0.07	174	3.27	6	483-0160-0000
170	184	0.065	0.065	184	3.46	6	483-0170-0000
175	189	0.065	0.06	189	3.55	6	483-0175-0000
180	194	0.06	0.055	194	3.65	6	483-0180-0000
200	214	0.06	0.045	214	4.03	6	483-0200-0000
215	229	0.055	0.04	229	4.32	6	483-0215-0000
225	239	0.055	0.04	239	4.51	6	483-0225-0000
250	264	0.04	0.035	264	4.99	6	483-0250-0000
275	289	0.04	0.03	289	5.47	6	483-0275-0000
300	314	0.035	0.025	314	5.95	6	483-0300-0000
315	329	0.035	0.02	329	6.15	6	483-0315-0000
325	339	0.03	0.015	339	6.55	6	483-0325-0000
350	364	0.025	0.015	364	6.91	6	483-0350-0000
375	389	0.025	0.015	389	7.25	6	483-0375-0000
400	414	0.025	0.01	414	7.87	6	483-0400-0000
450	464	0.02	0.01	464	8.83	6	483-0450-0000
500	514	0.02	0.01	514	9.79	6	483-0500-0000
600	614	0.015	0.005	614	11.72	3	483-0600-0000
700	714	0.01	0.005	714	13.64	3	483-0700-0000
800	814	0.01	0.005	814	15.56	3	483-0800-0000
900	914	0.01	0.002	914	17.48	3	483-0900-0000
1000	1014	0.01	0.001	1014	19.40	3	483-1000-0000

Further diameters and lengths available on request. All stated data are approx. figures based on a temperature of 20 °C.
 Engineering modifications subject to change. Please refer to technical index