



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
- Suitable for light overpressure
- Very good heat resistance
- Highly flexible and compressible
- Firm clamping of the wall in clamp profile
- Small bending radius
- Kink-proof
- Very robust

MATERIAL

- Wall: interior and exterior special coated glass fabric
- Clamp profile: galvanized steel

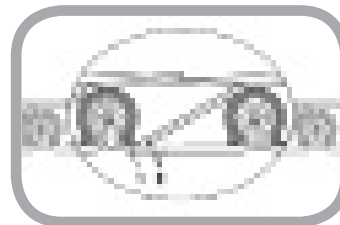
TEMPERATURE RANGE

- -60°C approx to +500°C approx
- Short time to +550°C approx

CONSTRUCTION

Patented CP construction:

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



CP HiTex 485

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	115	0.130	0.150	103	1.64	6	485-0100-0000
110	125	0.120	0.130	112	1.79	6	485-0110-0000
120	135	0.115	0.110	121	1.94	6	485-0120-0000
125	140	0.110	0.100	125	2.02	6	485-0125-0000
130	145	0.105	0.095	130	2.09	6	485-0130-0000
140	155	0.100	0.075	139	2.24	6	485-0140-0000
150	165	0.070	0.060	148	1.86	6	485-0150-0000
160	175	0.065	0.055	157	1.98	6	485-0160-0000
170	185	0.065	0.050	166	2.10	6	485-0170-0000
175	190	0.065	0.050	170	2.16	6	485-0175-0000
180	195	0.060	0.050	175	2.22	6	485-0180-0000
200	215	0.060	0.040	193	2.46	6	485-0200-0000
215	230	0.055	0.035	206	2.67	6	485-0215-0000
225	240	0.055	0.030	215	2.75	6	485-0225-0000
250	265	0.040	0.030	238	3.05	6	485-0250-0000
275	290	0.040	0.025	260	3.40	6	485-0275-0000
300	315	0.035	0.020	283	3.64	6	485-0300-0000
315	330	0.035	0.020	296	3.85	6	485-0315-0000
325	340	0.030	0.015	305	3.94	6	485-0325-0000
350	365	0.025	0.015	328	4.23	6	485-0350-0000
375	390	0.025	0.015	350	4.53	6	485-0375-0000
400	415	0.025	0.015	373	4.82	6	485-0400-0000
450	465	0.020	0.010	418	5.41	6	485-0450-0000
500	515	0.020	0.005	463	6.00	6	485-0500-0000
600	615	0.015	0.005	553	7.19	3	485-0600-0000
700	715	0.010	0.005	643	8.37	3	485-0700-0000
800	815	0.010	0.002	733	9.56	3	485-0800-0000
900	915	0.010	0.001	823	10.74	3	485-0900-0000
1000	1015	0.010	0.001	913	11.92	3	485-1000-0000

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