

### 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, thermo-insulation fabric
- Clamp profile: galvanized steel

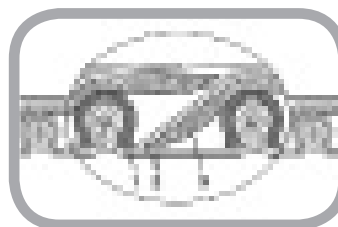
### TEMPERATURE RANGE

- -60°C approx to +650°C approx
- Short time to +700°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 486

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	118	0.130	0.180	114	1.85	6	486-0100-0000
110	128	0.120	0.160	124	2.07	6	486-0110-0000
120	138	0.115	0.140	134	2.25	6	486-0120-0000
125	143	0.110	0.120	139	2.35	6	486-0125-0000
130	148	0.105	0.110	144	2.39	6	486-0130-0000
140	158	0.100	0.090	154	2.57	6	486-0140-0000
150	168	0.070	0.075	164	2.45	6	486-0150-0000
160	178	0.065	0.070	174	2.61	6	486-0160-0000
170	188	0.065	0.065	184	2.76	6	486-0170-0000
175	193	0.065	0.060	189	2.84	6	486-0175-0000
180	198	0.060	0.055	194	2.92	6	486-0180-0000
200	218	0.060	0.045	214	3.23	6	486-0200-0000
215	233	0.055	0.040	229	3.46	6	486-0215-0000
225	243	0.055	0.040	239	3.62	6	486-0225-0000
250	268	0.040	0.035	264	4.00	6	486-0250-0000
275	293	0.040	0.030	289	4.40	6	486-0275-0000
300	318	0.035	0.025	314	4.78	6	486-0300-0000
315	333	0.035	0.020	329	5.02	6	486-0315-0000
325	343	0.030	0.020	339	5.18	6	486-0325-0000
350	368	0.025	0.015	364	5.57	6	486-0350-0000
375	393	0.025	0.015	389	5.96	6	486-0375-0000
400	418	0.025	0.015	414	6.34	6	486-0400-0000
450	468	0.020	0.010	464	7.12	6	486-0450-0000
500	518	0.020	0.010	514	7.90	6	486-0500-0000
600	618	0.015	0.005	614	9.46	3	486-0600-0000
700	718	0.010	0.005	714	11.02	3	486-0700-0000
800	818	0.010	0.005	814	12.57	3	486-0800-0000
900	918	0.010	0.002	914	14.13	3	486-0900-0000
1000	1018	0.010	0.001	1014	15.69	3	486-1000-0000

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