



APPLICATIONS

Suction 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

- Double-layer
- Very good heat resistance
- Highly flexible and compressible
- Abrasion protection via external clamp profile
- Firm clamping of the wall in clamp profile
- Small bending radius
- Kink-proof

MATERIAL

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

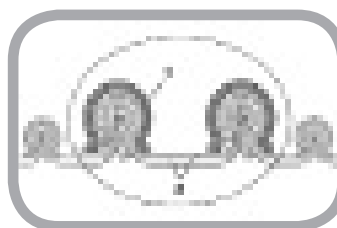
TEMPERATURE RANGE

- -60°C approx to +450°C approx
- Short time to +500°C approx

CONSTRUCTION

Patented CP construction:

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



CP HiTex 487

I.D	O.D	Recommended Operating Limits Vacuum	Bending Radius (middle of hose)	Weight	Further Production Lengths	Order Number
mm	mm	bar	mm	kg/m	mm	
70	82	0.26	66	1.25	6	487-0070-0000
75	87	0.23	70	1.34	6	487-0075-0000
80	92	0.2	74	1.42	6	487-0080-0000
90	102	0.14	82	1.58	6	487-0090-0000
100	112	0.12	101	1.29	6	487-0100-0000
110	122	0.105	110	1.42	6	487-0110-0000
120	132	0.09	119	1.54	6	487-0120-0000
125	137	0.085	123	1.60	6	487-0125-0000
130	142	0.075	128	1.66	6	487-0130-0000
140	152	0.06	137	1.78	6	487-0140-0000
150	162	0.05	113	1.34	6	487-0150-0000
160	172	0.045	120	1.46	6	487-0160-0000
170	182	0.04	127	1.55	6	487-0170-0000
175	187	0.04	131	1.59	6	487-0175-0000
180	192	0.04	134	1.63	6	487-0180-0000
200	212	0.03	148	1.81	6	487-0200-0000
215	227	0.03	159	1.94	6	487-0215-0000
225	237	0.025	166	2.03	6	487-0225-0000
250	262	0.025	183	2.25	6	487-0250-0000
275	287	0.02	201	2.47	6	487-0275-0000
300	312	0.015	218	2.69	6	487-0300-0000
315	327	0.015	228	2.82	6	487-0315-0000
325	337	0.015	235	2.91	6	487-0325-0000
350	362	0.015	253	3.13	6	487-0350-0000
375	387	0.01	271	3.35	6	487-0375-0000
400	412	0.01	288	3.56	6	487-0400-0000
450	462	0.01	323	4.00	6	487-0450-0000
500	512	0.005	358	4.44	6	487-0500-0000
600	612	0.005	428	5.32	3	487-0600-0000
700	712	0.002	498	6.2	3	487-0700-0000
800	812	0.002	568	7.07	3	487-0800-0000
900	912	0.001	638	7.95	3	487-0900-0000
1000	1012	0.001	708	8.83	3	487-1000-0000

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