

APPLICATIONS

Suction hose, especially suitable:

- For applications, where flame-retardant hoses are demanded
- 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
- As bellows and compensator

PROPERTIES

- Very good heat resistance
- Highly flexible and compressible 3:1
- Abrasion protection via external clamp profile
- Firm clamping of the wall in clamp profile
- Small bending radius
- Kink-proof
- Flame-retardant according to: DIN 4102-B1

MATERIAL

- Wall: stainless steel wire reinforced and special coated glass fabric
- Clamp profile: galvanized steel

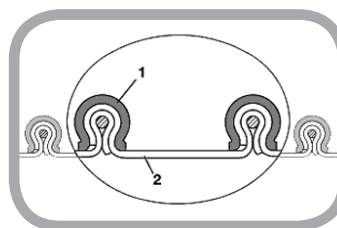
TEMPERATURE RANGE

- -60°C approx to +400°C approx
- Short time to +450°C approx

CONSTRUCTION

Patented CP construction:

- 1 Clamp profile supporting spiral (metal band and wire)
- 2 Wall



CP HiTex 480

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	
38	50	0.45	40	0.55	6	480-0038-0000
40	52	0.44	42	0.58	6	480-0040-0000
50	62	0.38	50	0.74	6	480-0050-0000
55	67	0.35	54	0.80	6	480-0055-0000
60	72	0.32	58	0.87	6	480-0060-0000
65	77	0.29	62	0.94	6	480-0065-0000
70	82	0.26	66	1.00	6	480-0070-0000
75	87	0.23	70	1.07	6	480-0075-0000
80	92	0.2	74	1.13	6	480-0080-0000
90	102	0.14	82	1.26	6	480-0090-0000
100	112	0.12	101	1.00	6	480-0100-0000
110	122	0.105	110	1.09	6	480-0110-0000
120	132	0.09	119	1.19	6	480-0120-0000
125	137	0.085	123	1.23	6	480-0125-0000
130	142	0.075	128	1.28	6	480-0130-0000
140	152	0.06	137	1.38	6	480-0140-0000
150	162	0.05	113	1.00	6	480-0150-0000
160	172	0.045	120	1.07	6	480-0160-0000
170	182	0.04	127	1.13	6	480-0170-0000
175	187	0.04	131	1.16	6	480-0175-0000
180	192	0.04	134	1.20	6	480-0180-0000
200	212	0.03	148	1.32	6	480-0200-0000
215	227	0.03	159	1.42	6	480-0215-0000
225	237	0.025	166	1.48	6	480-0225-0000
250	262	0.025	183	1.65	6	480-0250-0000
275	287	0.02	201	1.81	6	480-0275-0000
300	312	0.015	218	1.97	6	480-0300-0000
315	327	0.015	228	2.06	6	480-0315-0000
325	337	0.015	236	2.13	6	480-0325-0000
350	362	0.015	253	2.29	6	480-0350-0000
375	387	0.01	270	2.43	6	480-0375-0000
400	412	0.01	288	2.61	6	480-0400-0000
450	462	0.01	323	2.93	6	480-0450-0000
500	512	0.005	358	3.25	6	480-0500-0000
600	612	0.005	428	3.89	3	480-0600-0000
700	712	0.002	498	4.54	3	480-0700-0000
800	812	0.002	568	5.18	3	480-0800-0000
900	912	0.001	638	5.82	3	480-0900-0000
1000	1012	0.001	708	6.46	3	480-1000-0000

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