



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

- Double-layer
- Very good heat resistance
- Flexible
- Abrasion protection via external clamp profile
- Firm clamping of the wall in clamp profile
- Kink-proof
- Very robust
- Flame-retardant according to: DIN 4102-B1

MATERIAL

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

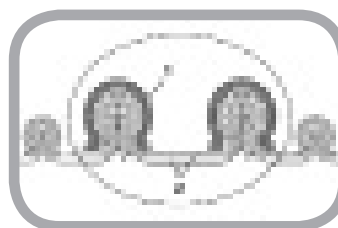
TEMPERATURE RANGE

- -60°C approx to +600°C approx
- Short time to +700 °C approx

CONSTRUCTION

Patented CP construction:

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



CP HiTex 481

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	
75	89	0.29	80	1.85	6	481-0075-0000
80	94	0.25	85	1.93	6	481-0080-0000
90	104	0.18	94	2.19	6	481-0090-0000
100	114	0.15	103	2.10	6	481-0100-0000
110	124	0.13	112	2.30	6	481-0110-0000
120	134	0.11	121	2.50	6	481-0120-0000
125	139	0.1	125	2.60	6	481-0125-0000
130	144	0.095	130	2.69	6	481-0130-0000
140	154	0.075	139	2.89	6	481-0140-0000
150	164	0.06	148	2.11	6	481-0150-0000
160	174	0.055	157	2.25	6	481-0160-0000
170	184	0.05	166	2.38	6	481-0170-0000
175	189	0.05	170	2.45	6	481-0175-0000
180	194	0.05	175	2.52	6	481-0180-0000
200	214	0.04	193	2.79	6	481-0200-0000
215	229	0.035	206	2.99	6	481-0215-0000
225	239	0.03	215	3.13	6	481-0225-0000
250	264	0.03	238	3.47	6	481-0250-0000
275	289	0.025	260	3.81	6	481-0275-0000
300	314	0.02	283	4.14	6	481-0300-0000
315	329	0.02	296	4.35	6	481-0315-0000
325	339	0.015	305	4.48	6	481-0325-0000
350	364	0.015	328	4.82	6	481-0350-0000
375	389	0.015	350	5.10	6	481-0375-0000
400	414	0.015	373	5.50	6	481-0400-0000
450	464	0.01	418	6.17	6	481-0450-0000
500	514	0.005	463	6.85	3	481-0500-0000
600	614	0.005	553	8.21	3	481-0600-0000
700	714	0.005	643	9.56	3	481-0700-0000
800	814	0.002	733	10.91	3	481-0800-0000
900	914	0.001	823	12.27	3	481-0900-0000
1000	1014	0.001	913	13.62	3	481-1000-0000

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