

### APPLICATIONS

Suction and blast 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 4:1
- Abrasion protection via external clamp profile
- Firm clamping of the wall in clamp profile
- Small bending radius
- Kink-proof
- Light weight
- Flame-retardant according to: DIN 4102-B1
- Conform to RoHS guideline

### MATERIAL

- Wall: Silicon coated glass fabric
- Clamp profile: galvanized steel

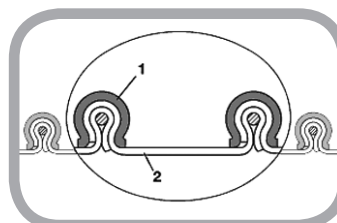
### TEMPERATURE RANGE

- -70°C approx to +260°C approx
- Short time to +280°C approx

### CONSTRUCTION

Patented CP construction:

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



## CP Silikon 460

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	
50	62	0.56	0.3	43	0.68	6	460-0050-0000
55	67	0.53	0.28	47	0.74	6	460-0055-0000
60	72	0.5	0.25	50	0.80	6	460-0060-0000
65	77	0.48	0.23	54	0.86	6	460-0065-0000
70	82	0.455	0.21	57	0.92	6	460-0070-0000
75	87	0.435	0.18	61	0.98	6	460-0075-0000
80	92	0.42	0.16	64	1.04	6	460-0080-0000
90	102	0.385	0.11	71	1.16	6	460-0090-0000
100	112	0.255	0.1	78	0.95	6	460-0100-0000
110	122	0.24	0.085	85	1.04	6	460-0110-0000
120	132	0.225	0.075	92	1.13	6	460-0120-0000
125	137	0.22	0.07	96	1.18	6	460-0125-0000
130	142	0.215	0.06	99	1.22	6	460-0130-0000
140	152	0.205	0.05	106	1.31	6	460-0140-0000
150	162	0.14	0.04	113	0.95	6	460-0150-0000
160	172	0.135	0.035	120	1.01	6	460-0160-0000
170	182	0.13	0.035	127	1.07	6	460-0170-0000
175	187	0.125	0.03	131	1.10	6	460-0175-0000
180	192	0.125	0.03	134	1.13	6	460-0180-0000
200	212	0.115	0.025	148	1.25	6	460-0200-0000
215	227	0.11	0.02	159	1.34	6	460-0215-0000
225	237	0.105	0.02	166	1.40	6	460-0225-0000
250	262	0.08	0.02	183	1.56	6	460-0250-0000
275	287	0.075	0.015	201	1.71	6	460-0275-0000
300	312	0.07	0.01	218	1.86	6	460-0300-0000
315	327	0.065	0.01	228	1.95	6	460-0315-0000
325	337	0.06	0.01	236	2.03	6	460-0325-0000
350	362	0.05	0.01	253	2.16	6	460-0350-0000
375	387	0.05	0.01	270	2.26	6	460-0375-0000
400	412	0.045	0.01	288	2.47	6	460-0400-0000
450	462	0.045	0.005	323	2.77	6	460-0450-0000
500	512	0.03	0.005	358	3.07	6	460-0500-0000
600	612	0.025	0.005	428	3.68	3	460-0600-0000
700	712	0.02	0.002	498	4.29	3	460-0700-0000
800	812	0.02	0.001	568	4.90	3	460-0800-0000
900	912	0.015	0.001	638	5.50	3	460-0900-0000
1000	1012	0.015	0.001	708	6.11	3	460-1000-0000

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