

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

- Vibration resistant
- Very good heat resistance
- Highly flexible and compressible 4:1
- Abrasion protection via external clamp profile
- Firm clamping of the wall in clamp profile
- Good resistance to mineral oils and gasoline
- Good resistance to alkalis and acids
- Good resistance to chemicals (refer to section 14.1)
- Good resistance to UV and ozone
- Small bending radius
- Kink-proof
- Light weight
- Conform to RoHS guideline

MATERIAL

- Wall: HYPALON® coated polyester fabric
- Clamp profile: galvanized steel

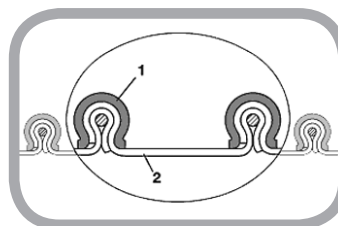
TEMPERATURE RANGE

- -40°C approx to +170°C approx

CONSTRUCTION

Patented CP construction:

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



CP Hypalon® 450

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	
38	50	0.805	0.45	40	0.57	6	450-0038-0000
40	52	0.785	0.44	42	0.59	6	450-0040-0000
50	62	0.7	0.38	50	0.76	6	450-0050-0000
55	67	0.66	0.35	54	0.82	6	450-0055-0000
60	72	0.63	0.32	58	0.89	6	450-0060-0000
65	77	0.6	0.29	62	0.96	6	450-0065-0000
70	82	0.57	0.26	66	1.03	6	450-0070-0000
75	87	0.545	0.23	70	1.10	6	450-0075-0000
80	92	0.525	0.2	74	1.16	6	450-0080-0000
90	102	0.485	0.14	82	1.30	6	450-0090-0000
100	112	0.32	0.12	78	1.03	6	450-0100-0000
110	122	0.3	0.105	85	1.13	6	450-0110-0000
120	132	0.28	0.09	92	1.22	6	450-0120-0000
125	137	0.275	0.085	96	1.27	6	450-0125-0000
130	142	0.27	0.075	99	1.32	6	450-0130-0000
140	152	0.255	0.06	106	1.42	6	450-0140-0000
150	162	0.175	0.05	113	1.04	6	450-0150-0000
160	172	0.165	0.045	120	1.11	6	450-0160-0000
170	182	0.16	0.04	127	1.17	6	450-0170-0000
175	187	0.155	0.04	131	1.21	6	450-0175-0000
180	192	0.155	0.04	134	1.24	6	450-0180-0000
200	212	0.145	0.03	148	1.37	6	450-0200-0000
215	227	0.135	0.03	159	1.47	6	450-0215-0000
225	237	0.135	0.025	166	1.54	6	450-0225-0000
250	262	0.1	0.025	183	1.71	6	450-0250-0000
275	287	0.095	0.02	201	1.87	6	450-0275-0000
300	312	0.09	0.015	218	2.04	6	450-0300-0000
315	327	0.085	0.015	228	2.14	6	450-0315-0000
325	337	0.07	0.015	236	2.21	6	450-0325-0000
350	362	0.065	0.015	253	2.37	6	450-0350-0000
375	387	0.065	0.01	270	2.50	6	450-0375-0000
400	412	0.06	0.01	288	2.71	6	450-0400-0000
450	462	0.055	0.01	323	3.04	6	450-0450-0000
500	512	0.035	0.005	358	3.37	6	450-0500-0000
600	612	0.03	0.005	428	4.04	3	450-0600-0000
700	712	0.025	0.002	498	4.71	3	450-0700-0000
800	812	0.025	0.002	568	5.37	3	450-0800-0000
900	912	0.02	0.001	638	6.04	3	450-0900-0000
1000	1012	0.02	0.001	708	6.71	3	450-1000-0000

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