CP Aramid 461

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

- 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 chemicals (refer to section 14.1)
- Small bending radius
- Kink-proof
- Light weight
- Very robust
- Flame-retardant according to: DIN 4102-B1
- Conform to RoHS guideline

MATERIAL

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

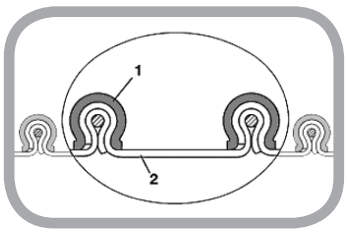
TEMPERATURE RANGE

- -60°C approx to +260°C approx
  Short time to +300°C approx

CONSTRUCTION

Patented CP construction:

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



simply flexible
NORRES
TECHNISCHE SCHLÄUCHE
INDUSTRIAL HOSES

CP Aramid 461

I.D	O.D	Recommended Operating Limits		Bending Radius	Weight	Further Production Lengths	Order Number
		Overpressure	Vacuum	(middle of hose)			
mm	mm	bar	bar	mm	kg/m	mm	
38	50	0.645	0.45	40	0.47	6	461-0038-0000
40	52	0.63	0.44	42	0.49	6	461-0040-0000
50	62	0.56	0.38	50	0.62	6	461-0050-0000
55	67	0.53	0.35	54	0.68	6	461-0055-0000
60	72	0.5	0.32	58	0.73	6	461-0060-0000
65	77	0.48	0.29	62	0.79	6	461-0065-0000
70	82	0.455	0.26	66	0.84	6	461-0070-0000
75	87	0.435	0.23	70	0.90	6	461-0075-0000
80	92	0.42	0.2	74	0.95	6	461-0080-0000
90	102	0.385	0.14	82	1.06	6	461-0090-0000
100	112	0.255	0.12	90	0.86	6	461-0100-0000
110	122	0.24	0.105	98	0.94	6	461-0110-0000
120	132	0.225	0.09	106	1.03	6	461-0120-0000
125	137	0.22	0.085	110	1.07	6	461-0125-0000
130	142	0.215	0.075	114	1.11	6	461-0130-0000
140	152	0.205	0.06	122	1.19	6	461-0140-0000
150	162	0.14	0.05	130	0.83	6	461-0150-0000
160	172	0.135	0.045	138	0.89	6	461-0160-0000
170	182	0.13	0.04	146	0.94	6	461-0170-0000
175	187	0.125	0.04	150	0.97	6	461-0175-0000
180	192	0.125	0.04	154	1.00	6	461-0180-0000
200	212	0.115	0.03	170	1.10	6	461-0200-0000
215	227	0.11	0.03	182	1.18	6	461-0215-0000
225	237	0.105	0.025	190	1.24	6	461-0225-0000
250	262	0.08	0.025	210	1.37	6	461-0250-0000
275	287	0.075	0.02	230	1.50	6	461-0275-0000
300	312	0.07	0.015	250	1.64	6	461-0300-0000
315	327	0.065	0.015	261	1.72	6	461-0315-0000
325	337	0.06	0.015	269	1.77	6	461-0325-0000
350	362	0.05	0.015	290	1.90	6	461-0350-0000
375	387	0.05	0.01	270	2.13	6	461-0375-0000
400	412	0.045	0.01	330	2.17	6	461-0400-0000
450	462	0.045	0.01	370	2.44	6	461-0450-0000
500	512	0.03	0.005	410	2.71	6	461-0500-0000
600	612	0.025	0.005	490	3.24	3	461-0600-0000
700	712	0.02	0.002	570	3.78	3	461-0700-0000
800	812	0.02	0.002	650	4.31	3	461-0800-0000
900	912	0.015	0.001	730	4.87	3	461-0900-0000
1000	1012	0.015	0.001	810	5.38	3	461-1000-0000

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