



CP ARAMID 461

300°C Vibration Resistant Clip Hose



APPLICATIONS

Ideal for suction and pressure for hot and cold gases, dust, powders and fibers, suitable for; Vehicle Gas Exhaust System, Car Gas Extraction, Hose Reel, Slotted Floor Channel, Underfloor Extraction System, High Temperature Extraction, Bellows, Compensators.

CONSTRUCTION

Special high temperature fabric wall with galvanized steel spiral clamp profile.

SIZES

1-1/2" - 40"
38mm-1016mm

TEMPERATURE RANGE

-75°F to 500°F (570°F short time)
-60°C to 260°C (300°C short time)

FEATURES

- External clamp profile offers additional external abrasion and drag resistance
- Highly flexible
- Compressibility 4:1
- Vibration resistant
- Very good heat resistance
- Good chemical resistance
- Flame retardant according to DIN 4102-B1, Aramid wall to UNE 23.727-90
- Conforms to RoHS guideline

COLOURS

Grey silver

REMARKS

- Other sizes and diameters available on request
- Stainless steel clamp profile or extra outer protection available on request



Code No.	I.D Ø		O.D Ø		Bend Radius		Over Pressure		Under Pressure		Approx. Weight		Standard Length	
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(psi)	(bar)	(psi)	(bar)	(lbs./ft)	(kg/m)	(ft)	(m)
CP461-0038-0006	1.50	38.00	1.97	50.00	0.83	93.00	8.70	0.600	6.53	0.450	0.32	0.470	20	6
CP461-0040-0006	1.57	40.00	2.05	52.00	0.88	94.00	8.48	0.585	6.38	0.440	0.33	0.490	20	6
CP461-0050-0006	1.97	50.00	2.44	62.00	1.00	100.00	7.61	0.525	5.51	0.380	0.42	0.620	20	6
CP461-0060-0006	2.36	60.00	2.83	72.00	1.10	102.00	6.96	0.480	4.64	0.320	0.49	0.730	20	6
CP461-0065-0006	2.56	65.00	3.03	77.00	1.16	104.00	6.67	0.460	4.21	0.290	0.53	0.790	20	6
CP461-0070-0006	2.76	70.00	3.20	82.00	1.22	107.00	6.38	0.440	3.77	0.260	0.56	0.840	20	6
CP461-0075-0006	2.95	75.00	3.43	87.00	1.28	108.00	6.09	0.420	3.34	0.230	0.60	0.900	20	6
CP461-0080-0006	3.15	80.00	3.62	92.00	1.34	115.00	5.87	0.405	2.90	0.200	0.64	0.950	20	6
CP461-0090-0006	3.54	90.00	4.00	102.00	1.46	117.00	5.44	0.375	2.03	0.140	0.71	1.060	20	6
CP461-0100-0006	3.94	100.00	4.41	112.00	1.57	123.00	3.63	0.250	1.74	0.120	0.58	0.860	20	6
CP461-0110-000*	4.33	110.00	4.80	122.00	1.69	130.00	3.48	0.240	1.52	0.105	0.63	0.940	10,20	3,6
CP461-0115-000*	4.53	115.00	5.00	127.00	1.75	132.00	3.34	0.230	1.38	0.095	0.67	0.990	10,20	3,6
CP461-0120-000*	4.72	120.00	5.20	132.00	1.81	145.00	3.26	0.225	1.31	0.090	0.69	1.030	10,20	3,6
CP461-0125-000*	4.92	125.00	5.39	137.00	1.87	147.00	3.19	0.220	1.23	0.085	0.72	1.070	10,20	3,6
CP61-0130-000*	5.12	130.00	5.59	142.00	1.93	160.00	3.12	0.215	1.09	0.075	0.75	1.110	10,20	3,6
CP461-0140-000*	5.51	140.00	6.00	152.00	2.05	163.00	2.97	0.205	0.87	0.060	0.80	1.190	10,20	3,6
CP461-0150-000*	5.91	150.00	6.38	162.00	2.17	190.00	2.03	0.140	0.73	0.050	0.56	0.830	10,20	3,6
CP461-0160-000*	6.30	160.00	6.77	172.00	2.28	193.00	1.96	0.135	0.65	0.045	0.60	0.890	10,20	3,6
CP461-0165-000*	6.50	165.00	6.97	177.00	2.34	220.00	1.89	0.130	0.65	0.045	0.62	0.920	10,20	3,6
CP461-0170-000*	6.69	170.00	7.17	182.00	2.40	225.00	1.89	0.130	0.58	0.040	0.63	0.940	10,20	3,6
CP461-0175-000*	6.89	175.00	7.36	187.00	2.46	235.00	1.81	0.125	0.58	0.040	0.65	0.970	10,20	3,6
CP461-0180-000*	7.09	180.00	7.56	192.00	2.52	250.00	1.67	0.115	0.58	0.040	0.67	1.000	10,20	3,6
CP461-0200-000*	7.87	200.00	8.35	212.00	2.76	255.00	1.60	0.110	0.44	0.030	0.74	1.100	10,20	3,6
CP461-0215-000*	8.46	215.00	8.94	227.00	2.93	280.00	1.60	0.110	0.44	0.030	0.79	1.180	10,20	3,6
CP461-0225-000*	8.86	225.00	9.33	237.00	3.05	285.00	1.60	0.110	0.36	0.025	0.83	1.240	10,20	3,6

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CP461-0228-000*	8.98	228.00	9.45	240.00	3.11	79.00	1.60	0.110	0.36	0.025	0.85	1.26	10,20	3,6
CP461-0250-000*	9.84	250.00	10.31	262.00	3.35	85.00	1.16	0.080	0.36	0.025	0.92	1.37	10,20	3,6
CP461-0254-000*	10.00	254.00	10.47	266.00	3.39	86.00	1.16	0.080	0.29	0.020	0.94	1.40	10,20	3,6
CP461-0275-000*	10.83	275.00	11.30	287.00	0.35	9.00	1.09	0.075	0.29	0.020	1.01	1.50	10,20	3,6
CP461-0280-000*	11.02	280.00	11.50	292.00	3.70	94.00	1.09	0.075	0.22	0.015	1.03	1.53	10,20	3,6
CP461-0300-000*	11.81	300.00	12.28	312.00	3.94	100.00	1.02	0.070	0.22	0.015	1.10	1.64	10,20	3,6
CP461-0305-000*	12.01	305.00	12.48	317.00	4.02	102.00	1.02	0.070	0.22	0.015	1.12	1.67	10,20	3,6
CP461-0315-000*	12.40	315.00	12.87	327.00	4.09	104.00	1.02	0.070	0.22	0.015	1.16	1.72	10,20	3,6
CP461-0325-000*	12.80	325.00	13.27	337.00	4.21	107.00	1.02	0.070	0.22	0.015	1.19	1.77	10,20	3,6
CP461-0330-000*	12.99	330.00	13.46	342.00	4.25	108.00	0.94	0.065	0.22	0.015	1.21	1.80	10,20	3,6
CP461-0350-000*	13.78	350.00	14.25	362.00	4.53	115.00	0.80	0.055	0.22	0.015	1.28	1.90	10,20	3,6
CP461-0356-000*	14.02	356.00	14.49	368.00	4.61	117.00	0.80	0.055	0.22	0.015	1.32	1.96	10,20	3,6
CP461-0375-000*	14.76	375.00	15.24	387.00	4.84	123.00	0.73	0.050	0.15	0.010	1.43	2.13	10,20	3,6
CP461-0400-000*	15.75	400.00	16.22	412.00	5.12	130.00	0.73	0.050	0.15	0.010	1.46	2.17	10,20	3,6
CP461-0406-000*	15.98	406.00	16.46	418.00	5.20	132.00	0.73	0.050	0.15	0.010	1.49	2.21	10,20	3,6
CP461-0450-000*	17.72	450.00	18.19	462.00	5.71	145.00	0.65	0.045	0.15	0.010	1.64	2.44	10,20	3,6
CP461-0457-000*	17.99	457.00	18.46	469.00	5.79	147.00	0.65	0.045	0.15	0.010	1.67	2.48	10,20	3,6
CP461-0500-000*	19.69	500.00	20.16	512.00	6.30	160.00	0.58	0.040	0.07	0.005	1.82	2.71	10,20	3,6
CP461-0508-000*	20.00	508.00	20.47	520.00	6.42	163.00	0.44	0.030	0.07	0.005	1.85	2.75	10,20	3,6
CP461-0600-0003	23.62	600.00	24.09	612.00	7.48	190.00	0.36	0.025	0.07	0.005	2.18	3.24	10	3
CP461-0610-0003	24.02	610.00	24.49	622.00	7.60	193.00	0.36	0.025	0.07	0.005	2.22	3.30	10	3
CP461-0700-0003	27.56	700.00	28.03	712.00	8.66	220.00	0.29	0.020	0.03	0.002	2.54	3.78	10	3
CP461-0712-0003	28.03	712.00	28.50	724.00	8.86	225.00	0.29	0.020	0.03	0.002	2.59	3.85	10	3
CP461-0750-0003	29.53	750.00	30.00	762.00	9.25	235.00	0.29	0.020	0.03	0.002	2.72	4.05	10	3
CP461-0800-0003	31.50	800.00	31.97	812.00	9.84	250.00	0.29	0.020	0.03	0.002	2.90	4.31	10	3

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CP461-0815-0003	32.09	815.00	32.56	827.00	10.04	255.00	0.29	0.020	0.01	0.001	2.95	4.39	10	3
CP461-0900-0003	35.43	900.00	35.91	912.00	11.02	280.00	0.29	0.020	0.01	0.001	3.27	4.87	10	3
CP461-0915-0003	36.02	915.00	36.50	927.00	11.22	285.00	0.29	0.020	0.01	0.001	3.33	4.95	10	3
CP461-1000-0003	39.37	1000.00	39.84	1012.00	12.20	310.00	0.22	0.015	0.01	0.001	3.62	5.38	10	3
CP461-1016-0003	40.00	1016.00	40.47	1028.00	12.40	315.00	0.22	0.015	0.01	0.001	3.67	5.46	10	3

ACCESSORIES



Bridge Clamps



Quick Release Clamps



Eyelet Clamps



Connectors



Reducers



Elastic Clamp Protection Tape

Sold in standard length only. Other diameters and lengths available on request, please contact our sales office for pricing and minimums. Values indicated here are approximate figures based on 2' straight lengths of hose at 20 °C. Data subject to change without notice. The proper use and maintenance of hoses is the sole responsibility of the purchaser and ultimate user of the product.