



PLUTONE BIO

Bio PVC Suction Hose



APPLICATIONS

Ideal for suction and delivery of food liquids, beverages, fruit juices, wine and liquors with up to 20% alcohol concentration. Use at filling machines and dispensers.

CONSTRUCTION

Flexible hose produced with Biovinyl™ and reinforced with steel spiral.

SIZES

0.24"-5.94" (6mm-151mm)

TEMPERATURE RANGE

14°F to 140°F (-10°C to 60°C)

FEATURES

- Free of phthalates and other synthetic plasticizers

- Does not impart taste and odour to products
- Food grade hose according to Reg. EU 10/2011 (classes A,B,C and dry food) and to FDA regulations (CFR 12 Parts 170 to 199 item 175.300)
- Revolutionary bio-based compound from natural source to lessen CO² emissions
- Chemical resistant
- Weather resistant

COLOURS

- Clear with steel spiral

REMARKS

- SIP cleaning is **not** recommended.



Code No.	I.D Ø		O.D Ø		Bend Radius		Volume	Vacuum		Working Pressure		Burst Pressure		Approx. Weight	Std. Length
	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)		(psi)	(bar)	(psi)	(bar)	(psi)	(bar)	(kg/m)	(m)
PLUBIO-0006-0060	0.24	6.0	0.48	12.2	1.18	30.0	0.02	13.51	0.93	72.52	5	362.59	25	0.13	60
PLUBIO-0008-0060	0.31	8.0	0.56	14.2	1.57	40.0	0.02	13.51	0.93	72.52	5	362.59	25	0.16	60
PLUBIO-0010-0060	0.39	10.0	0.63	16.0	1.97	50.0	0.03	12.09	0.83	101.53	7	507.63	35	0.18	60
PLUBIO-0012-0060	0.47	12.0	0.71	18.0	1.97	50.0	0.03	12.09	0.83	101.53	7	507.63	35	0.21	60
PLUBIO-0014-0060	0.55	14.0	0.79	20.0	2.36	60.0	0.04	12.09	0.83	101.53	7	507.63	35	0.23	60
PLUBIO-0016-0060	0.63	16.0	0.88	22.4	2.76	70.0	0.05	12.09	0.83	101.53	7	507.63	35	0.27	60
PLUBIO-0018-0060	0.71	18.0	0.96	24.4	3.15	80.0	0.07	12.09	0.83	87.02	6	435.11	30	0.30	60
PLUBIO-0020-0060	0.79	20.0	1.06	27.0	3.54	90.0	0.08	12.09	0.83	87.02	6	435.11	30	0.35	60
PLUBIO-0022-0060	0.87	22.0	1.14	29.0	3.94	100.0	0.09	12.09	0.83	87.02	6	435.11	30	0.39	60
PLUBIO-0025-0060	0.98	25.0	1.30	33.0	4.33	110.0	0.11	12.09	0.83	87.02	6	435.11	30	0.51	60
PLUBIO-0030-0060	1.18	30.0	1.50	38.0	5.51	140.0	0.15	12.09	0.83	72.52	5	362.59	25	0.60	60
PLUBIO-0032-0060	1.26	32.0	1.59	40.4	5.51	140.0	0.17	12.09	0.83	72.52	5	362.59	25	0.66	60
PLUBIO-0035-0060	1.38	35.0	1.71	43.4	6.30	160.0	0.19	12.09	0.83	72.52	5	362.59	25	0.71	60
PLUBIO-0038-0030	1.50	38.0	1.85	47.0	6.69	170.0	0.11	12.09	0.83	72.52	5	362.59	25	0.80	30
PLUBIO-0040-0030	1.57	40.0	1.93	49.0	7.09	180.0	0.12	12.09	0.83	72.52	5	362.59	25	0.88	30
PLUBIO-0045-0030	1.77	45.0	2.16	54.8	7.87	200.0	0.18	11.38	0.78	58.02	4	290.08	20	1.13	30
PLUBIO-0050-0030	1.97	50.0	2.36	60.0	9.06	230.0	0.21	11.38	0.78	58.02	4	290.08	20	1.27	30
PLUBIO-0060-0030	2.36	60.0	2.83	71.8	10.63	270.0	0.28	11.38	0.78	50.76	3	253.82	17.5	1.74	30
PLUBIO-0063-0030	2.48	63.0	2.94	74.8	11.02	280.0	0.28	11.38	0.78	50.76	3	253.82	17.5	1.83	30
PLUBIO-0070-0030	2.76	70.0	3.23	82.0	12.60	320.0	0.34	9.95	0.69	50.76	3	253.82	17.5	2.07	30
PLUBIO-0076-0030	2.99	76.0	3.47	88.2	13.39	340.0	0.49	9.95	0.69	50.76	3	253.82	17.5	2.27	30
PLUBIO-0080-0020	3.15	80.0	3.63	92.2	14.17	360.0	0.36	9.95	0.69	50.76	3	253.82	17.5	2.40	20
PLUBIO-0090-0020	3.54	90.0	4.06	103.0	16.14	410.0	0.42	9.95	0.69	43.51	3	217.56	15	3.09	20
PLUBIO-0102-0020	4.02	102.0	4.53	115.0	18.11	460.0	0.52	9.95	0.69	29.01	2	145.04	10	3.43	20
PLUBIO-0105-0020	4.13	105.0	4.65	118.0	18.50	470.0	0.53	9.95	0.69	29.01	2	145.04	10	3.60	20

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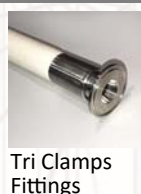
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PLUBIO-0110-0020	4.33	110.0	5.02	127.4	21.65	550.0	0.61	12.80	0.88	23.21	1.6	116.03	8	4.77	20
PLUBIO-0120-0020	4.72	120.0	5.41	137.4	23.62	600.0	0.69	12.80	0.88	17.40	1.2	87.02	6	5.17	20
PLUBIO-0127-0020	5.00	127.0	5.69	144.4	25.20	640.0	0.74	12.80	0.88	17.40	1.2	87.02	6	5.46	20
PLUBIO-0151-0020	5.94	151.0	6.64	168.6	29.92	760.0	1.30	12.80	0.88	17.40	1.2	87.02	6	6.85	20

ACCESSORIES



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.