



## VIBRATECHNIQUES LTD

20 Cecil Pashley Way, Shoreham Airport, Shoreham by Sea, West Sussex, BN43 5FF

Tel: +44 (0)1273 430977 Fax: +44 (0)1273 430978 Email: [sales@vibtec.com](mailto:sales@vibtec.com) Web: [www.vibtec.com](http://www.vibtec.com)

## Hoses (May be Yellow or Black)



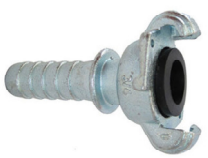
Hose	Hose assy Part No /** Length	Hose Per metre	Claw Coupling	Dimensions		Pressure Bar		Weight Kg/ Metre	Bend Radius
				ID	OD	Working	Burst		
<b>European Claw Coupling</b>									
1/2"	071110	071100	071702	13 mm	21 mm	20 bar 290 PSI	60 bar 870 PSI	0.30	80 mm
3/4"	071111	071101	071703	19 mm	26 mm			0.34	120 mm
1"	071112	071102	071704	25 mm	36 mm			0.90	150 mm
1 1/4"	071113	071103	071705	32 mm	46 mm			1.30	224mm
<b>American Claw Coupling</b>									
1/2"	071120	071100	071712	13 mm	21 mm	20 bar 290 PSI	60 bar 870 PSI	0.30	80 mm
3/4"	071121	071101	071713	19 mm	26 mm			0.34	120 mm
1"	071122	071102	071714	25 mm	36 mm			0.90	150 mm
1 1/4"	071123	071103	071715	32 mm	46 mm			1.30	224 mm
1/2"	071130	071100	071722	13 mm	21 mm	20 bar 290 PSI	60 bar 870 PSI	0.30	80 mm
3/4"	071131	071101	071723	19 mm	26 mm			0.34	120 mm
1"	071132	071102	071724	25 mm	36 mm			0.90	150 mm
1 1/4"	071133	071103	071725	32 mm	46 mm			1.30	224 mm

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## Pneumatic Couplings with male tails

	Hose Tail	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"
	European	071700	071701	071702	071703	071704	071705	071706
	American	071710	071711	071712	071713	071714	071715	071716
	Australian	071720	071721	071722	071723	071724	071725	071726


## Pneumatic Hose Two Bolt Saddle Clamps

	Reference	Hose OD Range	Reference	Hose OD Range
	071900	17-22mm	071905	48-60mm
	071901	22-29mm	071906	60-76mm
	071902	27-32mm	071907	77-94mm
	071903	32-37mm	071908	94-115mm
	071904	39-49mm		

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	Hose	Model	Lubricator No Coupling Part No	Air Flow at 70 P.S.I	Air Flow at 70 P.S.I	Air Flow at 70 P.S.I
	1/2"	PL300	071000	30 SCFM	30 CFM	850 l/m
	3/4"	PL400	071001	70 SCFM	70 CFM	1980 l/m
	3/4"	PL400L	071002	70 SCFM	70 CFM	1980 l/m
	1"	PL500	071003	100 SCFM	100 CFM	2830 l/m
SCFM=CFM at given temperature for extremes of temperature check flow rates						

## In Line Lubricators

Hose	Model	European Lubricator Assembly	American Lubricator Assembly	Australian Lubricator Assembly	Oil Capacity	Maximum Working Pressure	Length	Width	Height	Weight
1/2"	PL300	071010	071011	071012	42 ml	500 P.S.I	114 mm	57 mm	57 mm	0.40 kg
3/4"	PL400	071020	071021	071022	110 ml	200 P.S.I	152 mm	70 mm	70 mm	0.62 kg
3/4"	PL400L	071030	071031	071032	325 ml	300 P.S.I	178 mm	89 mm	95 mm	1.06 kg
1"	PL500	071040	071041	071042	473 ml	250 P.S.I	108 mm	108 mm	102 mm	1.93 kg

BSP--British Standard pipe,for European ,Asia,Africa markets,also named BSPP thread connection.

NPT--US standard thread connection, National Pipe taper,standard pipe thread in USA,for USA,Canada,South America,etc

NPT threads are common in the United States, BSP threads are widely used in many other countries. As far as our experience,to avoid leak problems,if you are in USA or Canda,you should select NPT thread connection as it is more compatible with USA or Canda pipes .The difference between these two thread types can be seen in the number of threads per inch and the angle at which the threads themselves are cut.

NPT and BSP thread pitches (threads per inch, TPI) are listed below

Pipe Size	Pitch (Threads/Inch)		Pipe Size	Pitch (Threads/Inch)		Pipe Size	Pitch (Threads/Inch)	
	NPT/NPS	BSP		NPT/NPS	BSP		NPT/NPS	BSP
1/16"	27	---	3/4"	14	14	3"	8	11
1/8"	27	28	1"	11 1/2	11	3 1/2"	8	11
1/4"	18	19	1 1/4"	11 1/2	11	4"	8	11
3/8"	18	19	1 1/2"	11 1/2	11	5"	8	11
1/2"	14	14	2"	11 1/2	11	6"	8	11
5/8"	---	14	2 1/2"	8	11	8"	8	---

1/2"NPT to 1/2"BSP. Both have 14 threads per inch so they match up quite well.The primary difference is in the pitch (angle of the thread) which is 60 to 55. Use a PTFE tape and they screw together and seal OK.

3/4"NPT works well with 3/4" BSP as well since the threads per inch is the same, 14.




So, if no strict demand,sometimes you can ignore this slightly difference on low pressure systems as it is a well safe margin.

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Item	Lubricator Assembly	Lubricator Model	Coupling		Thread of Lubricator	Lubricator 1 required	Coupling 2 required
1	071010	PL300	European		1/2" NPT	071000	071932
2	071020	PL400			3/4" NPT	071001	071933
4	071040	PL500			1" NPT	071003	071934
5	071011	PL300	American		1/2" NPT	071000	071942
6	071021	PL400			3/4" NPT	071001	071943
8	071041	PL500			1" NPT	071003	071944
9	071012	PL300	Australian Minisup		1/2" NPT	071000	071952
10	071022	PL400			3/4" NPT	071001	071953
12	071042	PL500			1" NPT	071003	071954

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