

PL fitting

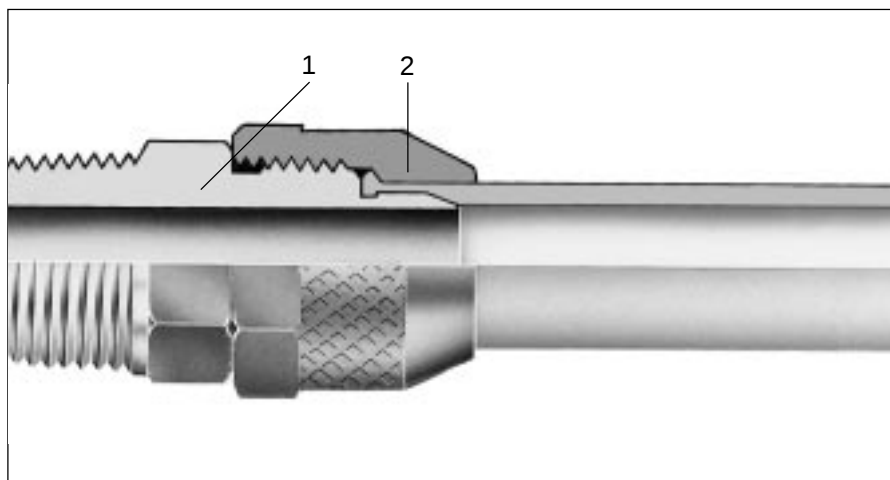
Principle

PL is a two piece nickel plated brass fitting specifically designed for flexible tubing such as polyamide, polyurethane, PEBA, polyethylene, PTFE, PVC, etc.

The seal is obtained by the bead formed at the tube end when the nut is tightened to the fitting body.

The connection is leakproof to the burst pressure of the tube.

PL fittings can be assembled and disassembled repeatedly.



Technical features

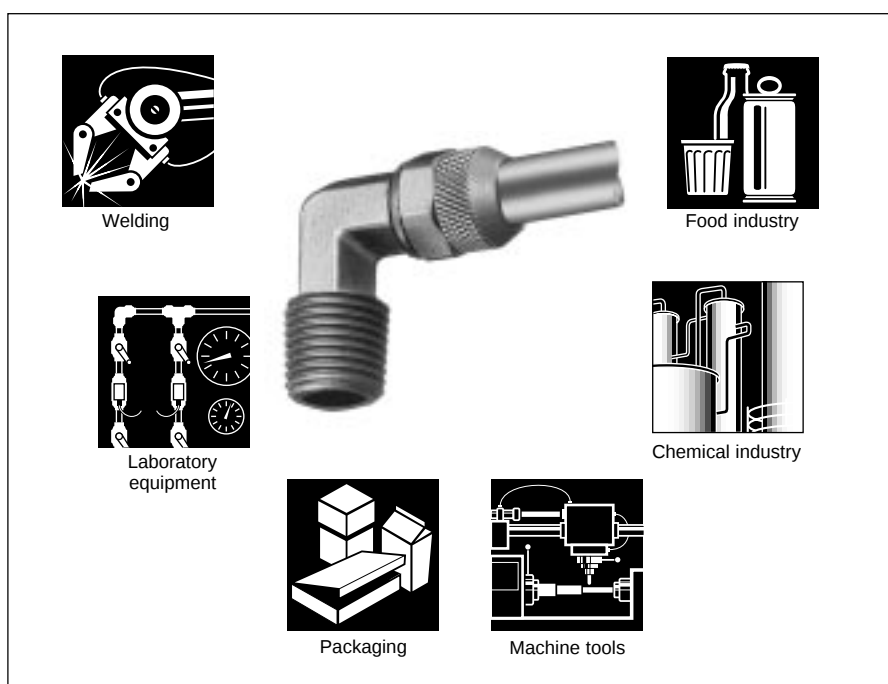
Material		Working pressure*	Working temperature
1	2		
Body	Nut	From 0.01 to 40 bar	From - 40 °C to + 100 °C
Nickel plated brass	Nickel plated brass		

* The pressures given are with polyamide tubing. For other tubing please consult us.

Applications

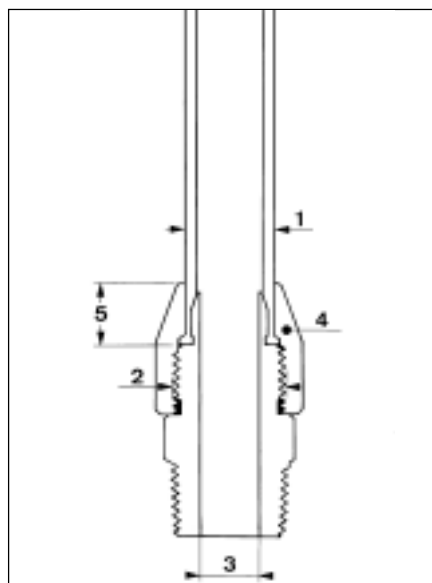
The PL fitting's unique sealing method make it ideally suited for use with a wide variety of media.

It is particularly suitable for use in fluid handling applications where media or temperature considerations limit the method of sealing.



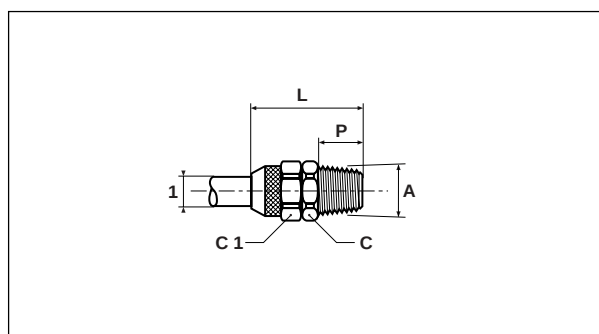
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Fitting dimensions



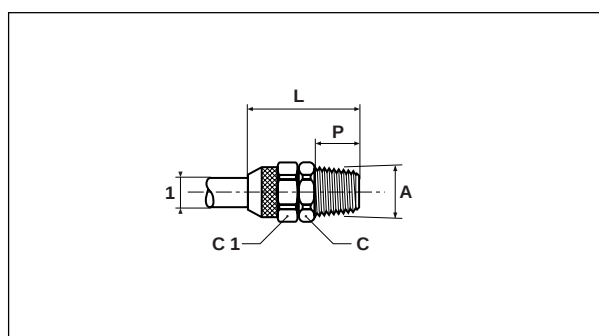
1 Tube I.D./O.D. mm	2 Metric pipe thread	3 Inside diameter mm	4 Hex of nut mm	5 Tube entry mm
2.7/4	M6x0.75	1.5	8	4.5
4/6	M9x0.75	3.0	11	6.5
6/8	M11x0.75	5.0	13	6.5
7.5/10	M13x1	6.5	17	7.0
8/10	M13x1	6.5	17	7.0
10/12	M15x1.25	9.0	17	7.5
11/14	M18x1.50	9.5	22	8.5

FBPL - Male connector - NPT



1	A	Part number	C	C1	L	P	Weight g.
2.7/4	1/8	FBPL2.7/4-1/8	11	8	22	8	11
4/6	1/8	FBPL4/6-1/8	11	11	25	8	16
4/6	1/4	FBPL4/6-1/4	14	11	29	12	26
6/8	1/8	FBPL6/8-1/8	12	13	25	8	16
6/8	1/4	FBPL6/8-1/4	14	13	29	12	23
8/10	1/4	FBPL8/10-1/4	14	16	30	12	31
8/10	3/8	FBPL8/10-3/8	19	16	31	12	40
10/12	3/8	FBPL10/12-3/8	19	17	33	12	40

F3BPL - Male connector - BSPT



1	A	Part number	C	C1	L	P	Weight g.
2.7/4	1/8	F3BPL2.7/4-1/8	10	8	20.5	6.5	9
4/6	1/8	F3BPL4/6-1/8	10	11	23.5	6.5	16
4/6	1/4	F3BPL4/6-1/4	14	11	26.5	10.0	25
6/8	1/8	F3BPL6/8-1/8	12	13	23.5	6.5	15
6/8	1/4	F3BPL6/8-1/4	14	13	26.5	10.0	23
6/8	3/8	F3BPL6/8-3/8	17	13	27.6	10.0	26
7.5/10	1/4	F3BPL7.5/10-1/4	14	16	27.5	10.0	31
7.5/10	3/8	F3BPL7.5/10-3/8	17	16	28.6	10.0	37
8/10	1/4	F3BPL8/10-1/4	14	16	27.5	10.0	31
8/10	3/8	F3BPL8/10-3/8	17	16	28.6	10.0	43
10/12	3/8	F3BPL10/12-3/8	17	17	30.1	10.0	36
11/14	3/8	F3BPL11/14-3/8	19	22	32.5	10.0	58

For product availability please consult our price list 0093-UK.
Dimensions shown may be changed at any time without prior notice.