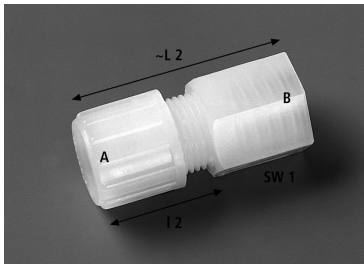


- 1) Connection with standard GL thread ⇒ Compatible with all standard threaded glass tubes
- 2) Connector available in PP, PVDF, PFA ⇒ High media resistance
- 3) Sealed by media resistant O-ring made from FPM ⇒ Durably tight, secure connection
- 4) Various connection options

The connection principle used in Series 3G from EM-TECHNIK enables these laboratory connectors to be used as a connection element between a laboratory type glass cylinder with GL thread and a flexible tube. The connectors feature a rotating nut with GL thread on the one hand and a G male thread or connecting elements of Series 1 and 2 on the other hand. Various connection elements, flexible tubes and pipes can thus be fitted.

GL connector (Series 3G) with connection for tube (Series 1A) and fixed GL-thread



Article-Nr	Connection A	Connection B	Material
3G110FF1525PVFK	DN3/8"/1/2"	GL25	PVDF/FFKM
3G110FF4014PFFK	DN04/06	GL14	PFA/FFKM
3G110FF4014PFFP	DN04/06	GL14	PFA/FPM
3G110FF4014PPFP	DN04/06	GL14	PP/FPM
3G110FF4014PVFP	DN04/06	GL14	PVDF/FPM
3G110FF4018PFFK	DN04/06	GL18	PFA/FFKM
3G110FF4018PFFP	DN04/06	GL18	PFA/FPM
3G110FF4018PPFP	DN04/06	GL18	PP/FPM
3G110FF4018PVFP	DN04/06	GL18	PVDF/FPM
3G110FF4314PFFK	DN06/08	GL14	PFA/FFKM
3G110FF4314PFFP	DN06/08	GL14	PFA/FPM
3G110FF4314PPFP	DN06/08	GL14	PP/FPM
3G110FF4314PVFP	DN06/08	GL14	PVDF/FPM
3G110FF4318PFFK	DN06/08	GL18	PFA/FFKM
3G110FF4318PFFP	DN06/08	GL18	PFA/FPM
3G110FF4318PPFP	DN06/08	GL18	PP/FPM
3G110FF4318PVFP	DN06/08	GL18	PVDF/FPM
3G110FF4414PFFP	DN06/10	GL14	PP/FPM
3G110FF4414PVFP	DN06/10	GL14	PVDF/FPM
3G110FF4418PPFP	DN06/10	GL18	PP/FPM
3G110FF4418PVFP	DN06/10	GL18	PVDF/FPM
3G110FF4514PFFK	DN08/10	GL14	PFA/FFKM
3G110FF4514PFFP	DN08/10	GL14	PFA/FPM
3G110FF4514PPFP	DN08/10	GL14	PP/FPM
3G110FF4514PVFP	DN08/10	GL14	PVDF/FPM
3G110FF4518PFFP	DN08/10	GL18	PFA/FPM
3G110FF4518PPFP	DN08/10	GL18	PP/FPM
3G110FF4518PVFP	DN08/10	GL18	PVDF/FPM
3G110FF4614PPFP	DN08/12	GL14	PP/FPM
3G110FF4614PVFP	DN08/12	GL14	PVDF/FPM
3G110FF4618PFFP	DN08/12	GL18	PFA/FPM
3G110FF4618PPFP	DN08/12	GL18	PP/FPM
3G110FF4618PVFP	DN08/12	GL18	PVDF/FPM
3G110FF4814PFFP	DN10/12	GL14	PFA/FPM
3G110FF4814PPFP	DN10/12	GL14	PP/FPM
3G110FF4814PVFP	DN10/12	GL14	PVDF/FPM
3G110FF4818PFFP	DN10/12	GL18	PFA/FPM
3G110FF4818PPFP	DN10/12	GL18	PP/FPM
3G110FF4818PVFP	DN10/12	GL18	PVDF/FPM
3G110FF4825PFFP	DN10/12	GL25	PFA/FPM
3G110FF4825PVFP	DN10/12	GL25	PVDF/FPM
3G110FF4914PPFP	DN10/14	GL14	PP/FPM
3G110FF4914PVFP	DN10/14	GL14	PVDF/FPM
3G110FF4918PPFP	DN10/14	GL18	PP/FPM
3G110FF4918PVFP	DN10/14	GL18	PVDF/FPM
3G110FF5118PPFP	DN12/14	GL18	PP/FPM
3G110FF5118PVFP	DN12/14	GL18	PVDF/FPM
3G110FF5418PPFP	DN14/18	GL18	PP/FPM
3G110FF5418PVFP	DN14/18	GL18	PVDF/FPM

Dimensions 3G110FF...

A(DN)	B(GL)	~l2	~L2	SW1
4/6	14	17	37	17
4/6	18	17	40	22
6/8	14	21	41	17
6/8	18	21	44	22
6/10	14	24	44	19
6/10	18	24	47	22
8/10	14	24	44	19
8/10	18	24	47	22
8/12	14	28	48	22

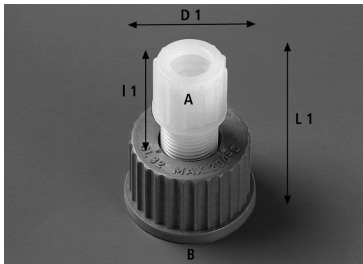
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## GL connector (Series 3G) with connection for tube (Series 1A) and fixed GL-thread

# 3

A(DN)	B(GL)	~I2	~L2	SW1
8/12	18	28	51	22
10/12	14	28	48	22
10/12	18	28	51	22
10/14	14	33	53	24
10/14	18	33	56	24
12/14	14	33	53	24
12/14	18	33	56	24
12/16	14	35	55	27
12/16	18	35	58	27
14/16	14	35	55	27
14/16	18	35	58	27
14/18	14	38	58	27
14/18	18	38	61	27

GL connector (Series 3G) with connection for tube (Series 1A) and loose GL nut



Article-Nr	Connection A	Connection B	Material
3G110FL0314PFFP	DN1/8"/1/4"	GL14	PFA/FPM
3G110FL0314PVFP	DN1/8"/1/4"	GL14	PVDF/FPM
3G110FL0514PFFP	DN1/6"/1/4"	GL14	PFA/FPM
3G110FL0514PVFK	DN1/6"/1/4"	GL14	PVDF/FFKM
3G110FL0525PVFP	DN1/6"/1/4"	GL25	PVDF/FPM
3G110FL1525PFFP	DN3/8"/1/2"	GL25	PFA/FPM
3G110FL1525PVFP	DN3/8"/1/2"	GL25	PVDF/FPM
3G110FL4014PFFK	DN04/06	GL14	PFA/FFKM
3G110FL4014PFFP	DN04/06	GL14	PFA/FPM
3G110FL4014PPEP	DN04/06	GL14	PP/EPDM
3G110FL4014PPFP	DN04/06	GL14	PP/FPM
3G110FL4014PVEP	DN04/06	GL14	PVDF/EPDM
3G110FL4014PVFK	DN04/06	GL14	PVDF/FFKM
3G110FL4014PVFP	DN04/06	GL14	PVDF/FPM
3G110FL4018PFFK	DN04/06	GL18	PFA/FFKM
3G110FL4018PFFP	DN04/06	GL18	PFA/FPM
3G110FL4018PPFP	DN04/06	GL18	PP/FPM
3G110FL4018PVFP	DN04/06	GL18	PVDF/FPM
3G110FL4025PFFK	DN04/06	GL25	PFA/FFKM
3G110FL4025PFFP	DN04/06	GL25	PFA/FPM
3G110FL4025PPFP	DN04/06	GL25	PP/FPM
3G110FL4025PVFP	DN04/06	GL25	PVDF/FPM
3G110FL4032PFFP	DN04/06	GL32	PFA/FPM
3G110FL4032PPFP	DN04/06	GL32	PP/FPM
3G110FL4032PVFP	DN04/06	GL32	PVDF/FPM
3G110FL4318PFFK	DN06/08	GL18	PFA/FFKM
3G110FL4318PFFP	DN06/08	GL18	PFA/FPM
3G110FL4318PPFK	DN06/08	GL18	PP/FFKM
3G110FL4318PPFP	DN06/08	GL18	PP/FPM
3G110FL4318PVFK	DN06/08	GL18	PVDF/FFKM
3G110FL4318PVFP	DN06/08	GL18	PVDF/FPM
3G110FL4325PFFP	DN06/08	GL25	PFA/FPM
3G110FL4325PPFP	DN06/08	GL25	PP/FPM
3G110FL4325PVFP	DN06/08	GL25	PVDF/FPM
3G110FL4332PPFP	DN06/08	GL32	PP/FPM
3G110FL4332PVFP	DN06/08	GL32	PVDF/FPM
3G110FL4425PFFP	DN06/10	GL25	PFA/FPM
3G110FL4425PPFP	DN06/10	GL25	PP/FPM
3G110FL4425PVFP	DN06/10	GL25	PVDF/FPM
3G110FL4432PPFP	DN06/10	GL32	PP/FPM
3G110FL4432PVFP	DN06/10	GL32	PVDF/FPM
3G110FL4525PFFK	DN08/10	GL25	PFA/FFKM
3G110FL4525PFFP	DN08/10	GL25	PFA/FPM
3G110FL4525PPFP	DN08/10	GL25	PP/FPM
3G110FL4525PVFP	DN08/10	GL25	PVDF/FPM
3G110FL4532PPFP	DN08/10	GL32	PP/FPM
3G110FL4532PVFP	DN08/10	GL32	PVDF/FPM
3G110FL4625PFFP	DN08/12	GL25	PFA/FPM
3G110FL4625PPFP	DN08/12	GL25	PP/FPM
3G110FL4625PVEP	DN08/12	GL25	PVDF/EPDM
3G110FL4625PVFP	DN08/12	GL25	PVDF/FPM
3G110FL4632PFFP	DN08/12	GL32	PFA/FPM
3G110FL4632PPFP	DN08/12	GL32	PP/FPM
3G110FL4632PVEP	DN08/12	GL32	PVDF/EPDM
3G110FL4632PVFP	DN08/12	GL32	PVDF/FPM
3G110FL4725PPFP	DN09/12	GL25	PP/FPM
3G110FL4732PPFP	DN09/12	GL32	PP/FPM
3G110FL4825PFFK	DN10/12	GL25	PFA/FFKM
3G110FL4825PFFP	DN10/12	GL25	PFA/FPM
3G110FL4825PPEP	DN10/12	GL25	PP/EPDM
3G110FL4825PPFP	DN10/12	GL25	PP/FPM
3G110FL4825PVEP	DN10/12	GL25	PVDF/EPDM

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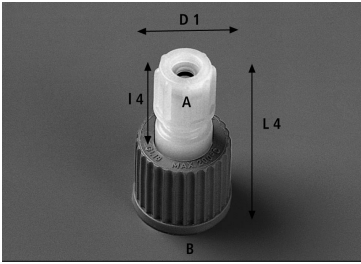
Article-Nr	Connection A	Connection B	Material
3G110FL4825PVFK	DN10/12	GL25	PVDF/FFKM
3G110FL4825PVFP	DN10/12	GL25	PVDF/FPM
3G110FL4832PPFP	DN10/12	GL32	PP/FPM
3G110FL4832PVFP	DN10/12	GL32	PVDF/FPM
3G110FL4845PVFP6	DN10/12	GL45	PVDF/FPM
3G110FL4932PPFP	DN10/14	GL32	PP/FPM
3G110FL4932PVFP	DN10/14	GL32	PVDF/FPM
3G110FL4945PVFP6	DN10/14	GL45	PVDF/FPM
3G110FL5145PVFP6	DN12/14	GL45	PVDF/FPM
3G110FL5232PPFP	DN12/16	GL32	PFA/FPM
3G110FL5232PPFP	DN12/16	GL32	PP/FPM
3G110FL5345PVFP6	DN14/16	GL45	PVDF/FPM

Dimensions 3G110FL...

A(DN)	B(GL)	~H	~L1	ØD1
4/6	14	19	36	20
4/6	18	18	38	24
4/6	25	16	39	33
4/6	32	26	52	42
6/8	25	21	44	33
6/8	32	28	54	42
6/10	25	33	56	33
6/10	32	33	59	42
8/10	25	33	56	33
8/10	32	33	59	42
8/12	25	37	60	33
8/12	32	37	63	42
10/12	25	37	60	33
10/12	32	37	63	42
10/14	32	42	68	42
12/14	32	42	68	42
12/16	32	44	68	42
14/16	32	44	68	42

## GL connector (Series 3G) with connection for pipe (Series 2M) and loose GL-nut

# 3



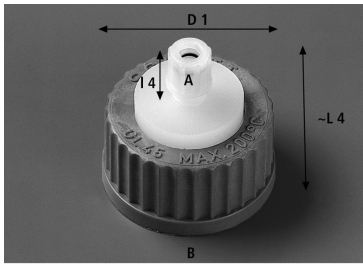
Article-Nr	Connection A	Connection B	Material
3G120FL0514PFFP	D1/4"	GL14	PFA/FPM
3G120FL0518PVFP	D1/4"	GL18	PVDF/FPM
3G120FL2014PTFP	D2,0	GL14	PTFE/FPM
3G120FL2014PVFP	D2,0	GL14	PVDF/FPM
3G120FL2018PVFP	D2,0	GL18	PVDF/FPM
3G120FL3014PFFP	D3,0	GL14	PFA/FPM
3G120FL3014PPFP	D3,0	GL14	PP/FPM
3G120FL3014PVFK	D3,0	GL14	PVDF/FFKM
3G120FL3014PVFP	D3,0	GL14	PVDF/FPM
3G120FL3018PVFP	D3,0	GL18	PVDF/FPM
3G120FL3214PFFK	D3,2	GL14	PFA/FFKM
3G120FL3214PPFP	D3,2	GL14	PFA/FPM
3G120FL3214PVFP	D3,2	GL14	PVDF/FPM
3G120FL3218PTFP	D3,2	GL18	PTFE/FPM
3G120FL3218PVFP	D3,2	GL18	PVDF/FPM
3G120FL4014PVFP	D4,0	GL14	PVDF/FPM
3G120FL4018PFFP	D4,0	GL18	PFA/FPM
3G120FL4018PTFP	D4,0	GL18	PTFE/FPM
3G120FL4018PVFP	D4,0	GL18	PVDF/FPM
3G120FL4318PTFP	D08	GL18	PTFE/FPM
3G120FL4318PVFP	D08	GL18	PVDF/FPM
3G120FL4325PTFK	D08	GL25	PTFE/FFKM
3G120FL4525PTFK	D10	GL25	PTFE/FFKM
3G120FL5545PTFK	D18	GL45	PTFE/FFKM
3G120FL6014PTFP	D6,0	GL14	PTFE/FPM
3G120FL6014PVFP	D6,0	GL14	PVDF/FPM
3G120FL6018PVFP	D6,0	GL18	PVDF/FPM

### Dimensions 3G120FL...

A(D)	B(GL)	~L4	~L4	ØD1
0,7-1	14	23.5	40.5	20
0,7-1	18	23	43	24
1,1-2	14	23.5	40.5	20
1,1-2	18	23	43	24
2,1-4	14	23.5	40.5	20
2,1-4	18	23	43	24
4,1-6,4	14	23.5	40.5	20
4,1-6,4	18	23	43	24

## GL connector (Series 3G) with connection for pipe (Series 2T) and loose GL nut

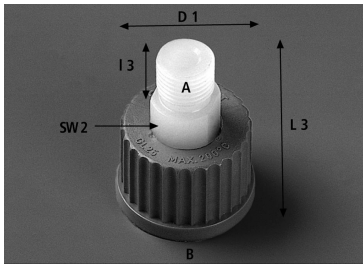
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Article-Nr	Connection A	Connection B	Material
3G123FL1514PVFP	D1,5	GL14	PVDF/FPM
3G123FL1614PVFP	D1,6	GL14	PVDF/FPM
3G123FL1632PVFP	D1,6	GL32	PVDF/FPM
3G123FL2014PVFP	D2,0	GL14	PVDF/FPM
3G123FL2218PVFP	D2,2	GL18	PVDF/FPM
3G123FL3014PFFP	D3,0	GL14	PFA/FPM
3G123FL3014PTFP	D3,0	GL14	PTFE/FPM
3G123FL3014PVFP	D3,0	GL14	PVDF/FPM
3G123FL3018PTFP	D3,0	GL18	PTFE/FPM
3G123FL3018PVFP	D3,0	GL18	PVDF/FPM
3G123FL3214PFFP	D3,2	GL14	PFA/FPM
3G123FL3214PVFP	D3,2	GL14	PVDF/FPM
3G123FL4014PFFP	D4,0	GL14	PFA/FPM
3G123FL4014PVFP	D4,0	GL14	PVDF/FPM
3G123FL4018PVFP	D4,0	GL18	PVDF/FPM
3G123FL4714PFFP	D4,7	GL14	PFA/FPM
3G123FL6014PFFP	D6,0	GL14	PFA/FPM
3G123FL6014PTFP	D6,0	GL14	PTFE/FPM
3G123FL6014PVFP	D6,0	GL14	PVDF/FPM
3G123FL6018PFFP	D6,0	GL18	PFA/FPM
3G123FL6018PVFP	D6,0	GL18	PVDF/FPM
3G123FL6418PVFP	D6,4	GL18	PVDF/FPM

### Dimensions 3G123FL...

A(D)	B(GL)	~14	~L4	ØD1
0,7-1	14	23.5	40.5	20
0,7-1	18	23	43	24
1,1-2	14	23.5	40.5	20
1,1-2	18	23	43	24
2,1-4	14	23.5	40.5	20
2,1-4	18	23	43	24
4,1-6,4	14	23.5	40.5	20
4,1-6,4	18	23	43	24



Article-Nr	Connection A	Connection B	Material
3G131FL1232PFFP	GL32	G1/2"	PFA/FPM
3G131FL1245PFFP	GL45	G1/2"	PP/FPM
3G131FL1245PTFP	GL45	G1/2"	PTFE/FPM
3G131FL1245PVFP	GL45	G1/2"	PVDF/FPM
3G131FL1425PFFP	GL25	G1/4"	PP/FPM
3G131FL1425PTFK	GL25	G1/4"	PTFE/FFKM
3G131FL1425PTFP	GL25	G1/4"	PTFE/FPM
3G131FL1425PVFP	GL25	G1/4"	PVDF/FPM
3G131FL1445PFFP	GL45	G1/4"	PP/FPM
3G131FL1445PVFP	GL45	G1/4"	PVDF/FPM
3G131FL1814PTFP	GL14	G1/8"	PTFE/FPM
3G131FL1814PVFP	GL14	G1/8"	PVDF/FPM
3G131FL1818PFFP	GL18	G1/8"	PP/FPM
3G131FL1818PTFP	GL18	G1/8"	PTFE/FPM
3G131FL1818PVFP	GL18	G1/8"	PVDF/FPM
3G131FL1825PFFP	GL25	G1/8"	PP/FPM
3G131FL1825PTFP	GL25	G1/8"	PTFE/FPM
3G131FL1825PVFP	GL25	G1/8"	PVDF/FPM
3G131FL1832PFFP	GL32	G1/8"	PP/FPM
3G131FL1832PTFP	GL32	G1/8"	PTFE/FPM
3G131FL1832PVFP	GL32	G1/8"	PVDF/FPM
3G131FL3832PFFP	GL32	G3/8"	PP/FPM
3G131FL3832PTFP	GL32	G3/8"	PTFE/FPM
3G131FL3845PVFP	GL45	G3/8"	PVDF/FPM

Dimensions 3G131FL...

A(G)	B(GL)	I3	~L3	ØD1	SW2
1/8"	18	8	31	24	11
1/8"	25	8	35	33	14
1/8"	32	8	39	42	18
1/4"	25	12	39	33	16
1/4"	32	12	43	42	18
1/4"	45	12	45	55	28
3/8"	32	12	43	42	21
3/8"	45	12	45	55	28
1/2"	45	14	47	55	28