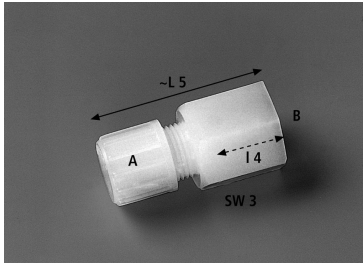


- 1) Thread manufactured without seam ⇒ High tightness, long term stability
- 2) Hexagon manufactured according to DIN
- 3) Sealed by PTFE sealing ring ⇒ Maximum media resistance
- 4) Connector available in PA, PP, PVDF, PFA ⇒ High media resistance
- 5) Thread manufactured according to DIN, USAS or JIS ⇒ Various connection options
- 6) Connecting sleeve manufactured without seam ⇒ High tightness, long term stability
- 7) Cutting ring made of PEEK ⇒ Optimum guard against pull-off forces

The connection principle used in the Series 1C from EM-TECHNIK entails pushing the firm flexible tube or the plastic pipe onto an integrated connecting sleeve and using a sealing ring to produce a tight fit. The tube is secured in place by a cutting ring, which is forced against the tube by a knurled nut. The more the knurled nut is screwed onto the connector body, the more the cutting ring wedges the flexible tube or pipe. Screwing on the knurled nut causes a shear force to act via the cutting ring, which intensifies the contact pressure. The result is a tight, friction-locked connection which can be released at any time and minimises the dead volume.

Straight connector for flexible tube (Series 1C)
with female G-thread



Article-Nr	Connection A	Connection B	Material
1C100FG0338PF	DN1/8"/1/4"	G3/8"	PFA
1C100FG0538PF	DN1/6"/1/4"	G3/8"	PFA
1C100FG1114PF	DN1/4"/3/8"	G1/4"	PFA
1C100FG1114PV	DN1/4"/3/8"	G1/4"	PVDF
1C100FG1512PF	DN3/8"/1/2"	G1/2"	PFA
1C100FG1514PF	DN3/8"/1/2"	G1/4"	PFA
1C100FG1538PV	DN3/8"/1/2"	G3/8"	PVDF
1C100FG2012PV	DN5/8"/3/4"	G1/2"	PVDF
1C100FG4012PF	DN04/06	G1/2"	PFA
1C100FG4012PP	DN04/06	G1/2"	PP
1C100FG4012PV	DN04/06	G1/2"	PVDF
1C100FG4014PF	DN04/06	G1/4"	PFA
1C100FG4014PP	DN04/06	G1/4"	PP
1C100FG4014PV	DN04/06	G1/4"	PVDF
1C100FG4018PF	DN04/06	G1/8"	PFA
1C100FG4018PP	DN04/06	G1/8"	PP
1C100FG4018PV	DN04/06	G1/8"	PVDF
1C100FG4038PF	DN04/06	G3/8"	PFA
1C100FG4038PV	DN04/06	G3/8"	PVDF
1C100FG4214PF	DN05/08	G1/4"	PFA
1C100FG4214PP	DN05/08	G1/4"	PP
1C100FG4312PF	DN06/08	G1/2"	PFA
1C100FG4312PP	DN06/08	G1/2"	PP
1C100FG4312PV	DN06/08	G1/2"	PVDF
1C100FG4314PF	DN06/08	G1/4"	PFA
1C100FG4314PP	DN06/08	G1/4"	PP
1C100FG4314PV	DN06/08	G1/4"	PVDF
1C100FG4318PF	DN06/08	G1/8"	PFA
1C100FG4318PV	DN06/08	G1/8"	PVDF
1C100FG4338PF	DN06/08	G3/8"	PFA
1C100FG4338PN	DN06/08	G3/8"	PP-NATUR
1C100FG4338PV	DN06/08	G3/8"	PVDF
1C100FG4412PF	DN06/10	G1/2"	PFA
1C100FG4414PF	DN06/10	G1/4"	PFA
1C100FG4438PF	DN06/10	G3/8"	PFA
1C100FG4512PF	DN08/10	G1/2"	PFA
1C100FG4512PP	DN08/10	G1/2"	PP
1C100FG4512PV	DN08/10	G1/2"	PVDF
1C100FG4514PF	DN08/10	G1/4"	PFA
1C100FG4518PF	DN08/10	G1/8"	PFA
1C100FG4518PV	DN08/10	G1/8"	PVDF
1C100FG4538PF	DN08/10	G3/8"	PFA
1C100FG4612PF	DN08/12	G1/2"	PFA
1C100FG4614PP	DN08/12	G1/4"	PP
1C100FG4614PV	DN08/12	G1/4"	PVDF
1C100FG4634PP	DN08/12	G3/4"	PP
1C100FG4634PV	DN08/12	G3/4"	PVDF
1C100FG4734PP	DN09/12	G3/4"	PP
1C100FG4812PF	DN10/12	G1/2"	PFA
1C100FG4812PP	DN10/12	G1/2"	PP
1C100FG4812PV	DN10/12	G1/2"	PVDF
1C100FG4814PF	DN10/12	G1/4"	PFA
1C100FG4814PV	DN10/12	G1/4"	PVDF
1C100FG4834PF	DN10/12	G3/4"	PFA
1C100FG4834PP	DN10/12	G3/4"	PP
1C100FG4834PV	DN10/12	G3/4"	PVDF
1C100FG4838PF	DN10/12	G3/8"	PFA
1C100FG4912PP	DN10/14	G1/2"	PP
1C100FG5112PF	DN12/14	G1/2"	PFA
1C100FG5112PV	DN12/14	G1/2"	PVDF
1C100FG5134PV	DN12/14	G3/4"	PVDF
1C100FG5212PF	DN12/16	G1/2"	PFA

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**Straight connector for flexible tube (Series 1C)
with female G-thread**

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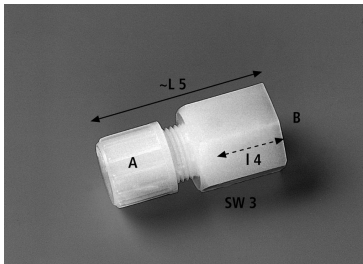
Article-Nr	Connection A	Connection B	Material
1C100FG7714PP	DN06/09	G1/4"	PP
1C100FG7738PP	DN06/09	G3/8"	PP
1C100FG7738PV	DN06/09	G3/8"	PVDF

Dimensions 1A100FG... , 1C100FG...

A(DN)		B(G)		l4	~L5*	SW3	
4/6		1/6"/1/4"	1/8"	10	31	14	
4/6		1/6"/1/4"	1/4"	15	36	17	
4/6		1/6"/1/4"	3/8"	15	36	22	
4/6		1/6"/1/4"	1/2"	16	38	27	
5/8	6/8		1/8"	10	36	17	
5/8	6/8		1/4"	15	41	17	
5/8	6/8		3/8"	15	41	22	
5/8	6/8		1/2"	16	42	27	
6/9			1/8"	10		17	
6/9			1/4"	15		17	
6/9			3/8"	15		22	
6/9			1/2"	16		27	
6/10	8/10	1/4"/3/8"	1/8"	10	39	19	
6/10	8/10	1/4"/3/8"	1/4"	15	44	19	
6/10	8/10	1/4"/3/8"	3/8"	15	44	22	
6/10	8/10	1/4"/3/8"	1/2"	16	45	27	
8/12	9/12	10/12	3/8"/1/2"	1/8"	10	43	19
8/12	9/12	10/12	3/8"/1/2"	1/4"	15	48	22
8/12	9/12	10/12	3/8"/1/2"	3/8"	15	48	22
8/12	9/12	10/12	3/8"/1/2"	1/2"	16	49	27
8/12	9/12	10/12	3/8"/1/2"	3/4"	20	53	32
10/14	12/14		1/8"	10	48	24	
10/14	12/14		1/4"	15	53	24	
10/14	12/14		3/8"	15	53	24	
10/14	12/14		1/2"	16	54	27	
10/14	12/14		3/4"	20	58	32	
12/16	14/16		1/8"	10	50	27	
12/16	14/16		1/4"	15	55	27	
12/16	14/16		3/8"	15	55	27	
12/16	14/16		1/2"	16	56	27	
12/16	14/16		3/4"	20	60	32	
14/18	16/18		1/4"	15	58	27	
14/18	16/18		3/8"	15	58	27	
14/18	16/18		1/2"	16	59	27	
14/18	16/18		3/4"	20	63	32	
16/20	18/20	5/8"/3/4"	3/8"	15	61	30	
16/20	18/20	5/8"/3/4"	1/2"	16	62	30	
16/20	18/20	5/8"/3/4"	3/4"	20	65	32	

**Straight connector for flexible tube (Series 1C)
with female M-thread**

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Article-Nr	Connection A	Connection B	Material
1C100FM0623PP	DN3/16"/1/4"	M20x1,5	PP
1C100FM0623PV	DN3/16"/1/4"	M20x1,5	PVDF
1C100FM1123PP	DN1/4"/3/8"	M20x1,5	PP
1C100FM1123PV	DN1/4"/3/8"	M20x1,5	PVDF
1C100FM1223PP	DN5/16"/3/8"	M20x1,5	PP
1C100FM1223PV	DN5/16"/3/8"	M20x1,5	PVDF
1C100FM1523PP	DN3/8"/1/2"	M20x1,5	PP
1C100FM1523PV	DN3/8"/1/2"	M20x1,5	PVDF
1C100FM4006PF	DN04/06	M6	PFA
1C100FM4011PF	DN04/06	M10x1	PFA
1C100FM4017PFFP	DN04/06	M14x1,5	PFA/FPM
1C100FM4017PP	DN04/06	M14x1,5	PP
1C100FM4023PF	DN04/06	M20x1,5	PFA
1C100FM4311PF	DN06/08	M10x1	PFA
1C100FM4311PP	DN06/08	M10x1	PP
1C100FM4314PF	DN06/08	M12x1	PFA
1C100FM4317PFFP	DN06/08	M14x1,5	PFA/FPM
1C100FM4323PF	DN06/08	M20x1,5	PFA

Dimensions 1A100FM... , 1C100FM...

	A(DN)	B(M)	I4	~L5	SW3	
4/6		5	8		12	
4/6		6	10		12	
4/6		10x1	10	31	14	
4/6		10x1,5	10	31	14	
4/6		12x1,5	15	36	17	
4/6		14x1,5	15	36	19	
4/6		16x1,5	15.5	36	22	
4/6		18x1,5	16.5	38	24	
4/6		20x1,5	16.5	38	27	
5/8	6/8	10x1	10	35	17	
5/8	6/8	10x1,5	10	35	17	
5/8	6/8	12x1,5	15	40	17	
5/8	6/8	14x1,5	15	40	19	
5/8	6/8	16x1,5	15.5	40	22	
5/8	6/8	18x1,5	16.5	41	24	
5/8	6/8	20x1,5	16.5	41	27	
6/9		10x1	10		17	
6/9		10x1,5	10		17	
6/9		12x1,5	15		17	
6/9		14x1,5	15		19	
6/9		16x1,5	15.5		22	
6/9		18x1,5	16.5		24	
6/9		20x1,5	16.5		27	
6/10	8/10	10x1	10	38	19	
6/10	8/10	10x1,5	10	38	19	
6/10	8/10	12x1,5	15	43	19	
6/10	8/10	14x1,5	15	43	19	
6/10	8/10	16x1,5	15.5	43	22	
6/10	8/10	18x1,5	16.5	44	24	
6/10	8/10	20x1,5	16.5	44	27	
8/12	9/12	10/12	12x1,5	15	45	22
8/12	9/12	10/12	14x1,5	15	45	22
8/12	9/12	10/12	16x1,5	15.5	47	22
8/12	9/12	10/12	18x1,5	16.5	48	24
8/12	9/12	10/12	20x1,5	16.5	48	27
8/12	9/12	10/12	22x1,5	18	51	27
10/14	12/14		12x1,5	15	52	24
10/14	12/14		14x1,5	15	52	24
10/14	12/14		16x1,5	15.5	53	24
10/14	12/14		18x1,5	16.5	53	24

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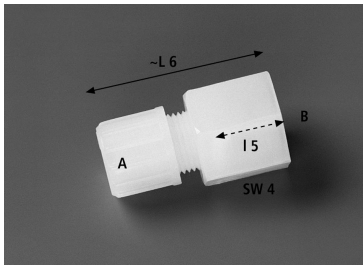
**Straight connector for flexible tube (Series 1C)
with female M-thread**

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	A(DN)	B(M)	l4	~L5	SW3
10/14	12/14	20x1,5	16.5	53	27
12/16	14/16	14x1,5	15	53	27
12/16	14/16	16x1,5	15.5	54	27
12/16	14/16	18x1,5	16.5	55	27
12/16	14/16	20x1,5	16.5	55	27
14/18	16/18	18x1,5	16.5	57	27
14/18	16/18	20x1,5	16.5	57	27
14/18	16/18	22x1,5	18	59	27
14/18	16/18	24x1,5	18.5	60	32
16/20	18/20	20x1,5	16.5	60	32
16/20	18/20	22x1,5	18	61	32
16/20	18/20	24x1,5	18.5	61	32

**Straight connector for flexible tube (Series 1C)
with female NPT-thread**

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Article-Nr	Connection A	Connection B	Material
1C100FN1112PF	DN1/4"/3/8"	NPT1/2"	PFA
1C100FN1512PF	DN3/8"/1/2"	NPT1/2"	PFA
1C100FN1514PF	DN3/8"/1/2"	NPT1/4"	PFA
1C100FN1514PV	DN3/8"/1/2"	NPT1/4"	PVDF
1C100FN4012PF	DN04/06	NPT1/2"	PFA
1C100FN4012PV	DN04/06	NPT1/2"	PVDF
1C100FN4014PF	DN04/06	NPT1/4"	PFA
1C100FN4014PP	DN04/06	NPT1/4"	PP
1C100FN4014PV	DN04/06	NPT1/4"	PVDF
1C100FN4018PF	DN04/06	NPT1/8"	PFA
1C100FN4018PV	DN04/06	NPT1/8"	PVDF
1C100FN4038PF	DN04/06	NPT3/8"	PFA
1C100FN4312PF	DN06/08	NPT1/2"	PFA
1C100FN4312PN	DN06/08	NPT1/2"	PP-NATUR
1C100FN4312PV	DN06/08	NPT1/2"	PVDF
1C100FN4314PF	DN06/08	NPT1/4"	PFA
1C100FN4314PP	DN06/08	NPT1/4"	PP
1C100FN4314PV	DN06/08	NPT1/4"	PVDF
1C100FN4338PF	DN06/08	NPT3/8"	PFA
1C100FN4338PP	DN06/08	NPT3/8"	PP
1C100FN4414PF	DN06/10	NPT1/4"	PFA
1C100FN4418PF	DN06/10	NPT1/8"	PFA
1C100FN4812PF	DN10/12	NPT1/2"	PFA
1C100FN4838PV	DN10/12	NPT3/8"	PVDF
1C100FN5112PF	DN12/14	NPT1/2"	PFA
1C100FN5512PF	DN16/18	NPT1/2"	PFA
1C100FN5512PV	DN16/18	NPT1/2"	PVDF

Dimensions 1A100FN... , 1C100FN...

	A(DN)		B(NPT)	I5	~L6*	SW4	
4/6		1/6"/1/4"	1/8"	11.6	32	14	
4/6		1/6"/1/4"	1/4"	16.4	38	17	
4/6		1/6"/1/4"	3/8"	17.4	39	22	
4/6		1/6"/1/4"	1/2"	22.6	47	27	
5/8	6/8		1/8"	11.6	35	19	
5/8	6/8		1/4"	16.4	41	19	
5/8	6/8		3/8"	17.4	42	22	
5/8	6/8		1/2"	22.6	48	27	
6/9			1/8"	11.6			
6/9			1/4"	16.4			
6/9			3/8"	17.4			
6/9			1/2"	22.6			
6/10	8/10	1/4"/3/8"	1/8"	11.6	38	22	
6/10	8/10	1/4"/3/8"	1/4"	16.4	43	22	
6/10	8/10	1/4"/3/8"	3/8"	17.4	44	22	
6/10	8/10	1/4"/3/8"	1/2"	22.6	51	27	
8/12	9/12	10/12	3/8"/1/2"	1/4"	16.4	48	24
8/12	9/12	10/12	3/8"/1/2"	3/8"	17.4	49	24
8/12	9/12	10/12	3/8"/1/2"	1/2"	22.6	53	27
8/12	9/12	10/12	3/8"/1/2"	3/4"	23.1	55	32
10/14	12/14		1/4"	16.4	53	24	
10/14	12/14		3/8"	17.4	54	24	
10/14	12/14		1/2"	22.6	59	27	
10/14	12/14		3/4"	23.1	60	32	
12/16	14/16		3/8"	17.4	56	27	
12/16	14/16		1/2"	22.6	61	27	
12/16	14/16		3/4"	23.1	62	32	
14/18	16/18		1/2"	22.6	63	27	
14/18	16/18		3/4"	23.1	64	32	
		5/8"/3/4"	1/4"	16.4		32	
		5/8"/3/4"	3/8"	17.4		32	

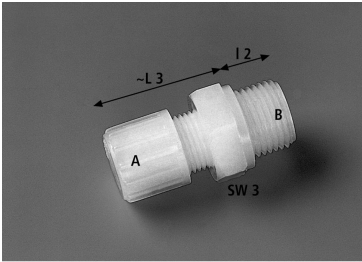
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**Straight connector for flexible tube (Series 1C)
with female NPT-thread**

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	A(DN)		B(NPT)	I5	~L6*	SW4
16/20	18/20	5/8"/3/4"	1/2"	22.6	66	32
16/20	18/20	5/8"/3/4"	3/4"	23.1	67	32

**Straight connector for flexible tube (Series 1C)
with male G-thread**



Article-Nr	Connection A	Connection B	Material
1C100MG0312PF	DN1/8"/1/4"	G1/2"	PFA
1C100MG0312PP	DN1/8"/1/4"	G1/2"	PP
1C100MG0312PV	DN1/8"/1/4"	G1/2"	PVDF
1C100MG0314PF	DN1/8"/1/4"	G1/4"	PFA
1C100MG0314PFFK	DN1/8"/1/4"	G1/4"	PFA/FFKM
1C100MG0314PP	DN1/8"/1/4"	G1/4"	PP
1C100MG0318PF	DN1/8"/1/4"	G1/8"	PFA
1C100MG0338PP	DN1/8"/1/4"	G3/8"	PP
1C100MG0418PF	DN5/32"/1/4"	G1/8"	PFA
1C100MG0512PF	DN1/6"/1/4"	G1/2"	PFA
1C100MG0512PN	DN1/6"/1/4"	G1/2"	PP-NATUR
1C100MG0512PP	DN1/6"/1/4"	G1/2"	PP
1C100MG0512PV	DN1/6"/1/4"	G1/2"	PVDF
1C100MG0514PF	DN1/6"/1/4"	G1/4"	PFA
1C100MG0514PFFK	DN1/6"/1/4"	G1/4"	PFA/FFKM
1C100MG0514PFFP	DN1/6"/1/4"	G1/4"	PFA/FPM
1C100MG0514PP	DN1/6"/1/4"	G1/4"	PP
1C100MG0514PV	DN1/6"/1/4"	G1/4"	PVDF
1C100MG0518PF	DN1/6"/1/4"	G1/8"	PFA
1C100MG0518PFFP	DN1/6"/1/4"	G1/8"	PFA/FPM
1C100MG0518PP	DN1/6"/1/4"	G1/8"	PP
1C100MG0518PV	DN1/6"/1/4"	G1/8"	PVDF
1C100MG0538PF	DN1/6"/1/4"	G3/8"	PFA
1C100MG0538PP	DN1/6"/1/4"	G3/8"	PP
1C100MG0538PV	DN1/6"/1/4"	G3/8"	PVDF
1C100MG0614PF	DN3/16"/1/4"	G1/4"	PFA
1C100MG0618PF	DN3/16"/1/4"	G1/8"	PFA
1C100MG1112PF	DN1/4"/3/8"	G1/2"	PFA
1C100MG1112PFFK	DN1/4"/3/8"	G1/2"	PFA/FFKM
1C100MG1112PP	DN1/4"/3/8"	G1/2"	PP
1C100MG1112PV	DN1/4"/3/8"	G1/2"	PVDF
1C100MG1114PF	DN1/4"/3/8"	G1/4"	PFA
1C100MG1114PP	DN1/4"/3/8"	G1/4"	PP
1C100MG1114PV	DN1/4"/3/8"	G1/4"	PVDF
1C100MG1118PF	DN1/4"/3/8"	G1/8"	PFA
1C100MG1118PV	DN1/4"/3/8"	G1/8"	PVDF
1C100MG1138PF	DN1/4"/3/8"	G3/8"	PFA
1C100MG1138PP	DN1/4"/3/8"	G3/8"	PP
1C100MG1138PV	DN1/4"/3/8"	G3/8"	PVDF
1C100MG1512PF	DN3/8"/1/2"	G1/2"	PFA
1C100MG1512PP	DN3/8"/1/2"	G1/2"	PP
1C100MG1512PV	DN3/8"/1/2"	G1/2"	PVDF
1C100MG1514PF	DN3/8"/1/2"	G1/4"	PFA
1C100MG1514PFFP	DN3/8"/1/2"	G1/4"	PFA/FPM
1C100MG1514PV	DN3/8"/1/2"	G1/4"	PVDF
1C100MG1538PV	DN3/8"/1/2"	G3/8"	PVDF
1C100MG2012PV	DN5/8"/3/4"	G1/2"	PVDF
1C100MG2034PV	DN5/8"/3/4"	G3/4"	PVDF
1C100MG3918PP	DN04/05	G1/8"	PP
1C100MG4012PF	DN04/06	G1/2"	PFA
1C100MG4012PP	DN04/06	G1/2"	PP
1C100MG4012PPFP	DN04/06	G1/2"	PP/FPM
1C100MG4012PV	DN04/06	G1/2"	PVDF
1C100MG4012PVFP	DN04/06	G1/2"	PVDF/FPM
1C100MG4014PF	DN04/06	G1/4"	PFA
1C100MG4014PFFK	DN04/06	G1/4"	PFA/FFKM
1C100MG4014PFFP	DN04/06	G1/4"	PFA/FPM
1C100MG4014PN	DN04/06	G1/4"	PP-NATUR
1C100MG4014PP	DN04/06	G1/4"	PP
1C100MG4014PPEP	DN04/06	G1/4"	PP/EPDM
1C100MG4014PPFP	DN04/06	G1/4"	PP/FPM
1C100MG4014PV	DN04/06	G1/4"	PVDF

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**Straight connector for flexible tube (Series 1C)
with male G-thread**

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Article-Nr	Connection A	Connection B	Material
1C100MG4014PVFP	DN04/06	G1/4"	PVDF/FPM
1C100MG4018PF	DN04/06	G1/8"	PFA
1C100MG4018PFEP	DN04/06	G1/8"	PFA/EPDM
1C100MG4018PFFK	DN04/06	G1/8"	PFA/FFKM
1C100MG4018PFFP	DN04/06	G1/8"	PFA/FPM
1C100MG4018PN	DN04/06	G1/8"	PP-NATUR
1C100MG4018PP	DN04/06	G1/8"	PP
1C100MG4018PPEP	DN04/06	G1/8"	PP/EPDM
1C100MG4018PFFP	DN04/06	G1/8"	PP/FPM
1C100MG4018PV	DN04/06	G1/8"	PVDF
1C100MG4018PVFP	DN04/06	G1/8"	PVDF/FPM
1C100MG4034PF	DN04/06	G3/4"	PFA
1C100MG4038PF	DN04/06	G3/8"	PFA
1C100MG4038PP	DN04/06	G3/8"	PP
1C100MG4038PV	DN04/06	G3/8"	PVDF
1C100MG4038PVFP	DN04/06	G3/8"	PVDF/FPM
1C100MG4212PF	DN05/08	G1/2"	PFA
1C100MG4212PP	DN05/08	G1/2"	PP
1C100MG4212PV	DN05/08	G1/2"	PVDF
1C100MG4214PF	DN05/08	G1/4"	PFA
1C100MG4214PP	DN05/08	G1/4"	PP
1C100MG4214PV	DN05/08	G1/4"	PVDF
1C100MG4218PF	DN05/08	G1/8"	PFA
1C100MG4238PP	DN05/08	G3/8"	PP
1C100MG4238PV	DN05/08	G3/8"	PVDF
1C100MG4312PF	DN06/08	G1/2"	PFA
1C100MG4312PN	DN06/08	G1/2"	PP-NATUR
1C100MG4312PP	DN06/08	G1/2"	PP
1C100MG4312PV	DN06/08	G1/2"	PVDF
1C100MG4312PVFK	DN06/08	G1/2"	PVDF/FFKM
1C100MG4314PF	DN06/08	G1/4"	PFA
1C100MG4314PFFK	DN06/08	G1/4"	PFA/FFKM
1C100MG4314PFFP	DN06/08	G1/4"	PFA/FPM
1C100MG4314PN	DN06/08	G1/4"	PP-NATUR
1C100MG4314PP	DN06/08	G1/4"	PP
1C100MG4314PPEP	DN06/08	G1/4"	PP/EPDM
1C100MG4314PFFP	DN06/08	G1/4"	PP/FPM
1C100MG4314PV	DN06/08	G1/4"	PVDF
1C100MG4314PVFP	DN06/08	G1/4"	PVDF/FPM
1C100MG4318PF	DN06/08	G1/8"	PFA
1C100MG4318PP	DN06/08	G1/8"	PP
1C100MG4318PFFP	DN06/08	G1/8"	PP/FPM
1C100MG4318PV	DN06/08	G1/8"	PVDF
1C100MG4318PVFP	DN06/08	G1/8"	PVDF/FPM
1C100MG4334PF	DN06/08	G3/4"	PFA
1C100MG4338PF	DN06/08	G3/8"	PFA
1C100MG4338PFFP	DN06/08	G3/8"	PFA/FPM
1C100MG4338PN	DN06/08	G3/8"	PP-NATUR
1C100MG4338PP	DN06/08	G3/8"	PP
1C100MG4338PV	DN06/08	G3/8"	PVDF
1C100MG4338PVFP	DN06/08	G3/8"	PVDF/FPM
1C100MG4412PF	DN06/10	G1/2"	PFA
1C100MG4412PV	DN06/10	G1/2"	PVDF
1C100MG4414PF	DN06/10	G1/4"	PFA
1C100MG4414PP	DN06/10	G1/4"	PP
1C100MG4414PV	DN06/10	G1/4"	PVDF
1C100MG4418PF	DN06/10	G1/8"	PFA
1C100MG4438PF	DN06/10	G3/8"	PFA
1C100MG4512PF	DN08/10	G1/2"	PFA
1C100MG4512PP	DN08/10	G1/2"	PP
1C100MG4512PV	DN08/10	G1/2"	PVDF
1C100MG4512PVFP	DN08/10	G1/2"	PVDF/FPM

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**Straight connector for flexible tube (Series 1C)
with male G-thread**

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Article-Nr	Connection A	Connection B	Material
1C100MG4514PF	DN08/10	G1/4"	PFA
1C100MG4514PFEP	DN08/10	G1/4"	PFA/EPDM
1C100MG4514PP	DN08/10	G1/4"	PP
1C100MG4514PPEL	DN08/10	G1/4"	PP-EL
1C100MG4514PV	DN08/10	G1/4"	PVDF
1C100MG4518PF	DN08/10	G1/8"	PFA
1C100MG4518PFFP	DN08/10	G1/8"	PFA/FPM
1C100MG4518PV	DN08/10	G1/8"	PVDF
1C100MG4518PVEP	DN08/10	G1/8"	PVDF/EPDM
1C100MG4538PF	DN08/10	G3/8"	PFA
1C100MG4538PFFP	DN08/10	G3/8"	PFA/FPM
1C100MG4538PP	DN08/10	G3/8"	PP
1C100MG4538PFFP	DN08/10	G3/8"	PP/FPM
1C100MG4538PV	DN08/10	G3/8"	PVDF
1C100MG4538PVFP	DN08/10	G3/8"	PVDF/FPM
1C100MG4612PF	DN08/12	G1/2"	PFA
1C100MG4612PP	DN08/12	G1/2"	PP
1C100MG4612PV	DN08/12	G1/2"	PVDF
1C100MG4614PF	DN08/12	G1/4"	PFA
1C100MG4614PP	DN08/12	G1/4"	PP
1C100MG4638PF	DN08/12	G3/8"	PFA
1C100MG4712PF	DN09/12	G1/2"	PFA
1C100MG4712PP	DN09/12	G1/2"	PP
1C100MG4712PV	DN09/12	G1/2"	PVDF
1C100MG4714PF	DN09/12	G1/4"	PFA
1C100MG4714PP	DN09/12	G1/4"	PP
1C100MG4714PV	DN09/12	G1/4"	PVDF
1C100MG4734PP	DN09/12	G3/4"	PP
1C100MG4738PF	DN09/12	G3/8"	PFA
1C100MG4738PP	DN09/12	G3/8"	PP
1C100MG4738PV	DN09/12	G3/8"	PVDF
1C100MG4812PF	DN10/12	G1/2"	PFA
1C100MG4812PFFK	DN10/12	G1/2"	PFA/FFKM
1C100MG4812PP	DN10/12	G1/2"	PP
1C100MG4812PFFP	DN10/12	G1/2"	PP/FPM
1C100MG4812PV	DN10/12	G1/2"	PVDF
1C100MG4812PVFP	DN10/12	G1/2"	PVDF/FPM
1C100MG4814PF	DN10/12	G1/4"	PFA
1C100MG4814PP	DN10/12	G1/4"	PP
1C100MG4814PV	DN10/12	G1/4"	PVDF
1C100MG4814PVFP	DN10/12	G1/4"	PVDF/FPM
1C100MG4818PF	DN10/12	G1/8"	PFA
1C100MG4818PP	DN10/12	G1/8"	PP
1C100MG4834PF	DN10/12	G3/4"	PFA
1C100MG4834PP	DN10/12	G3/4"	PP
1C100MG4834PV	DN10/12	G3/4"	PVDF
1C100MG4838PF	DN10/12	G3/8"	PFA
1C100MG4838PFFP	DN10/12	G3/8"	PFA/FPM
1C100MG4838PP	DN10/12	G3/8"	PP
1C100MG4838PV	DN10/12	G3/8"	PVDF
1C100MG4838PVFP	DN10/12	G3/8"	PVDF/FPM
1C100MG4912PF	DN10/14	G1/2"	PFA
1C100MG4912PP	DN10/14	G1/2"	PP
1C100MG5112PF	DN12/14	G1/2"	PFA
1C100MG5112PP	DN12/14	G1/2"	PP
1C100MG5112PV	DN12/14	G1/2"	PVDF
1C100MG5114PF	DN12/14	G1/4"	PFA
1C100MG5114PP	DN12/14	G1/4"	PP
1C100MG5114PV	DN12/14	G1/4"	PVDF
1C100MG5134PF	DN12/14	G3/4"	PFA
1C100MG5138PF	DN12/14	G3/8"	PFA
1C100MG5138PP	DN12/14	G3/8"	PP

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Article-Nr	Connection A	Connection B	Material
1C100MG5212PF	DN12/16	G1/2"	PFA
1C100MG5212PP	DN12/16	G1/2"	PP
1C100MG5212PV	DN12/16	G1/2"	PVDF
1C100MG5214PV	DN12/16	G1/4"	PVDF
1C100MG5312PAEP	DN14/16	G1/2"	PA/EPDM
1C100MG5312PF	DN14/16	G1/2"	PFA
1C100MG5338PF	DN14/16	G3/8"	PFA
1C100MG5534PF	DN16/18	G3/4"	PFA
1C100MG5612PF	DN16/20	G1/2"	PFA
1C100MG5634PF	DN16/20	G3/4"	PFA
1C100MG5734PF	DN18/20	G3/4"	PFA
1C100MG5734PV	DN18/20	G3/4"	PVDF
1C100MG7712PP	DN06/09	G1/2"	PP
1C100MG7712PV	DN06/09	G1/2"	PVDF
1C100MG7714PF	DN06/09	G1/4"	PFA
1C100MG7714PP	DN06/09	G1/4"	PP
1C100MG7714PV	DN06/09	G1/4"	PVDF
1C100MG7718PF	DN06/09	G1/8"	PFA
1C100MG7718PP	DN06/09	G1/8"	PP
1C100MG7718PV	DN06/09	G1/8"	PVDF
1C100MG7738PP	DN06/09	G3/8"	PP
1C100MG7738PV	DN06/09	G3/8"	PVDF

Dimensions 1A100MG . . . , 1C100MG . . .

A(DN)			B(G)	l2	~L3*	SW3	
4/6			1/6"/1/4"	1/8"	8	23.5	14
4/6			1/6"/1/4"	1/4"	12	25	17
4/6			1/6"/1/4"	3/8"	12	26.5	22
4/6			1/6"/1/4"	1/2"	14	29	27
5/8	6/8			1/8"	8	28.5	17
5/8	6/8			1/4"	12	29	17
5/8	6/8			3/8"	12	30.5	22
5/8	6/8			1/2"	14	33	27
6/9				1/8"	8	32.5	19
6/9				1/4"	12	33	19
6/9				3/8"	12	33.5	22
6/9				1/2"	14	36	27
6/10	8/10		1/4"/3/8"	1/8"	8	32.5	19
6/10	8/10		1/4"/3/8"	1/4"	12	33	19
6/10	8/10		1/4"/3/8"	3/8"	12	33.5	22
6/10	8/10		1/4"/3/8"	1/2"	14	36	27
8/12	9/12	10/12	3/8"/1/2"	1/8"	8	36.5	22
8/12	9/12	10/12	3/8"/1/2"	1/4"	12	37	22
8/12	9/12	10/12	3/8"/1/2"	3/8"	12	37.5	22
8/12	9/12	10/12	3/8"/1/2"	1/2"	14	40	27
8/12	9/12	10/12	3/8"/1/2"	3/4"	16	42	32
10/14	12/14			1/8"	8	42.5	24
10/14	12/14			1/4"	12	43	24
10/14	12/14			3/8"	12	43.5	24
10/14	12/14			1/2"	14	45	27
10/14	12/14			3/4"	16	48	32
12/16	14/16			1/4"	12	46	27
12/16	14/16			3/8"	12	46.5	27
12/16	14/16			1/2"	14	47	27
12/16	14/16			3/4"	16	50	32
14/18	16/18			1/4"	12	49	27
14/18	16/18			3/8"	12	49.5	27
14/18	16/18			1/2"	14	50	27
14/18	16/18			3/4"	16	53	32
16/20	18/20		5/8"/3/4"	1/4"	14	55	32
16/20	18/20		5/8"/3/4"	3/8"	14	55	32

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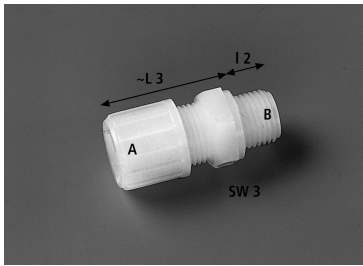
**Straight connector for flexible tube (Series 1C)
with male G-thread**

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	A(DN)		B(G)	l2	~L3*	SW3
16/20	18/20	5/8"/3/4"	1/2"	16	55	32
16/20	18/20	5/8"/3/4"	3/4"	16	55	32

**Straight connector for flexible tube (Series 1C)
with male M-thread**

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Article-Nr	Connection A	Connection B	Material
1C100MM3911PP	DN04/05	M10x1	PP
1C100MM4005PF	DN04/06	M5	PFA
1C100MM4005PP	DN04/06	M5	PP
1C100MM4005PV	DN04/06	M5	PVDF
1C100MM4006PF	DN04/06	M6	PFA
1C100MM4006PFFP	DN04/06	M6	PFA/FPM
1C100MM4006PV	DN04/06	M6	PVDF
1C100MM4011PAEP	DN04/06	M10x1	PA/EPDM
1C100MM4011PF	DN04/06	M10x1	PFA
1C100MM4011PP	DN04/06	M10x1	PP
1C100MM4011PVFP	DN04/06	M10x1	PVDF/FPM
1C100MM4012PF	DN04/06	M10x1,5	PFA
1C100MM4012PFFP	DN04/06	M10x1,5	PFA/FPM
1C100MM4015PFFP	DN04/06	M12x1,5	PFA/FPM
1C100MM4015PVFP	DN04/06	M12x1,5	PVDF/FPM
1C100MM4311PAEP	DN06/08	M10x1	PA/EPDM
1C100MM4311PP	DN06/08	M10x1	PP
1C100MM4312PF	DN06/08	M10x1,5	PFA
1C100MM4312PFFP	DN06/08	M10x1,5	PP/FPM
1C100MM4315PV	DN06/08	M12x1,5	PVDF
1C100MM4317PF	DN06/08	M14x1,5	PFA
1C100MM4319PF	DN06/08	M16x1,5	PFA
1C100MM4323PF	DN06/08	M20x1,5	PFA
1C100MM4412PF	DN06/10	M10x1,5	PFA
1C100MM4512PF	DN08/10	M10x1,5	PFA
1C100MM4815PF	DN10/12	M12x1,5	PFA
1C100MM4815PV	DN10/12	M12x1,5	PVDF
1C100MM4819PFFP	DN10/12	M16x1,5	PP/FPM
1C100MM4821PF	DN10/12	M18x1,5	PFA

Dimensions 1A100MM ... , 1C100MM ...

A(DN)	B(M)	l2	~L3	SW3		
4/6	5	6	23.5	12		
4/6	6	6	23.5	12		
4/6	10x1	8	23.5	14		
4/6	10x1,5	8	23.5	14		
4/6	12x1,5	12	25	17		
4/6	14x1,5	12	26.5	19		
4/6	16x1,5	12	26.5	22		
4/6	18x1,5	12	28	24		
5/8	6/8	10x1	8	28.5	17	
5/8	6/8	10x1,5	8	28.5	17	
5/8	6/8	12x1,5	12	29	17	
5/8	6/8	14x1,5	12	30.5	19	
5/8	6/8	16x1,5	12	30.5	22	
5/8	6/8	18x1,5	12	32	24	
6/9		10x1	8	31.5	17	
6/9		10x1,5	8	31.5	17	
6/9		12x1,5	12	32	17	
6/9		14x1,5	12	33.5	19	
6/9		16x1,5	12	33.5	22	
6/9		18x1,5	12	35	24	
6/10	8/10	10x1	8	32.5	19	
6/10	8/10	10x1,5	8	32.5	19	
6/10	8/10	12x1,5	12	33	19	
6/10	8/10	14x1,5	12	33.5	19	
6/10	8/10	16x1,5	12	33.5	22	
6/10	8/10	18x1,5	12	35	24	
8/12	9/12	10/12	10x1,5	8	36.5	22
8/12	9/12	10/12	12x1,5	12	37	22
8/12	9/12	10/12	14x1,5	12	37	22

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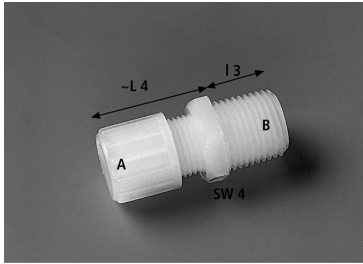
**Straight connector for flexible tube (Series 1C)
with male M-thread**

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	A(DN)		B(M)	l2	~L3	SW3
8/12	9/12	10/12	16x1,5	12	37.5	22
8/12	9/12	10/12	18x1,5	12	39	24
10/14	12/14		12x1,5	12	43	24
10/14	12/14		14x1,5	12	43	24
10/14	12/14		16x1,5	12	43.5	24
10/14	12/14		18x1,5	12	44	24
12/16	14/16		12x1,5	12	47	27
12/16	14/16		14x1,5	12	47	27
12/16	14/16		16x1,5	12	47	27
12/16	14/16		18x1,5	12	47	27
14/18	16/18		18x1,5	12	50	27
14/18	16/18		20x1,5	14	50	27
14/18	16/18		22x1,5	14	50	27
14/18	16/18		24x1,5	16	50	27
16/20	18/20		20x1,5	14	55	32
16/20	18/20		22x1,5	14	55	32
16/20	18/20		24x1,5	16	55	32

**Straight connector for flexible tube (Series 1C)
with male NPT-thread**

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Article-Nr	Connection A	Connection B	Material
1C100MN0312PV	DN1/8"/1/4"	NPT1/2"	PVDF
1C100MN0314PF	DN1/8"/1/4"	NPT1/4"	PFA
1C100MN0314PP	DN1/8"/1/4"	NPT1/4"	PP
1C100MN0314PV	DN1/8"/1/4"	NPT1/4"	PVDF
1C100MN0318PF	DN1/8"/1/4"	NPT1/8"	PFA
1C100MN0318PV	DN1/8"/1/4"	NPT1/8"	PVDF
1C100MN0414PF	DN5/32"/1/4"	NPT1/4"	PFA
1C100MN0512PV	DN1/6"/1/4"	NPT1/2"	PVDF
1C100MN0514PF	DN1/6"/1/4"	NPT1/4"	PFA
1C100MN0514PP	DN1/6"/1/4"	NPT1/4"	PP
1C100MN0514PV	DN1/6"/1/4"	NPT1/4"	PVDF
1C100MN0518PF	DN1/6"/1/4"	NPT1/8"	PFA
1C100MN0518PP	DN1/6"/1/4"	NPT1/8"	PP
1C100MN0518PV	DN1/6"/1/4"	NPT1/8"	PVDF
1C100MN0538PF	DN1/6"/1/4"	NPT3/8"	PFA
1C100MN0614PF	DN3/16"/1/4"	NPT1/4"	PFA
1C100MN0618PF	DN3/16"/1/4"	NPT1/8"	PFA
1C100MN0914PV	DN1/4"/5/16"	NPT1/4"	PVDF
1C100MN1112PF	DN1/4"/3/8"	NPT1/2"	PFA
1C100MN1114PF	DN1/4"/3/8"	NPT1/4"	PFA
1C100MN1114PP	DN1/4"/3/8"	NPT1/4"	PP
1C100MN1138PF	DN1/4"/3/8"	NPT3/8"	PFA
1C100MN1138PP	DN1/4"/3/8"	NPT3/8"	PP
1C100MN1138PV	DN1/4"/3/8"	NPT3/8"	PVDF
1C100MN1214PF	DN5/16"/3/8"	NPT1/4"	PFA
1C100MN1512PF	DN3/8"/1/2"	NPT1/2"	PFA
1C100MN1512PP	DN3/8"/1/2"	NPT1/2"	PP
1C100MN1512PV	DN3/8"/1/2"	NPT1/2"	PVDF
1C100MN1514PF	DN3/8"/1/2"	NPT1/4"	PFA
1C100MN1514PP	DN3/8"/1/2"	NPT1/4"	PP
1C100MN1514PV	DN3/8"/1/2"	NPT1/4"	PVDF
1C100MN1518PV	DN3/8"/1/2"	NPT1/8"	PVDF
1C100MN1538PF	DN3/8"/1/2"	NPT3/8"	PFA
1C100MN1538PP	DN3/8"/1/2"	NPT3/8"	PP
1C100MN1538PV	DN3/8"/1/2"	NPT3/8"	PVDF
1C100MN2034PP	DN5/8"/3/4"	NPT3/4"	PP
1C100MN4012PF	DN04/06	NPT1/2"	PFA
1C100MN4012PV	DN04/06	NPT1/2"	PVDF
1C100MN4014PF	DN04/06	NPT1/4"	PFA
1C100MN4014PN	DN04/06	NPT1/4"	PP-NATUR
1C100MN4014PP	DN04/06	NPT1/4"	PP
1C100MN4014PV	DN04/06	NPT1/4"	PVDF
1C100MN4018PF	DN04/06	NPT1/8"	PFA
1C100MN4018PN	DN04/06	NPT1/8"	PP-NATUR
1C100MN4018PP	DN04/06	NPT1/8"	PP
1C100MN4018PV	DN04/06	NPT1/8"	PVDF
1C100MN4038PF	DN04/06	NPT3/8"	PFA
1C100MN4038PP	DN04/06	NPT3/8"	PP
1C100MN4038PV	DN04/06	NPT3/8"	PVDF
1C100MN4212PF	DN05/08	NPT1/2"	PFA
1C100MN4214PV	DN05/08	NPT1/4"	PVDF
1C100MN4312PF	DN06/08	NPT1/2"	PFA
1C100MN4312PP	DN06/08	NPT1/2"	PP
1C100MN4312PV	DN06/08	NPT1/2"	PVDF
1C100MN4314PF	DN06/08	NPT1/4"	PFA
1C100MN4314PP	DN06/08	NPT1/4"	PP
1C100MN4314PV	DN06/08	NPT1/4"	PVDF
1C100MN4318PF	DN06/08	NPT1/8"	PFA
1C100MN4318PP	DN06/08	NPT1/8"	PP
1C100MN4318PV	DN06/08	NPT1/8"	PVDF
1C100MN4338PF	DN06/08	NPT3/8"	PFA
1C100MN4338PV	DN06/08	NPT3/8"	PVDF

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**Straight connector for flexible tube (Series 1C)
with male NPT-thread**

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Article-Nr	Connection A	Connection B	Material
1C100MN4412PF	DN06/10	NPT1/2"	PFA
1C100MN4414PF	DN06/10	NPT1/4"	PFA
1C100MN4418PF	DN06/10	NPT1/8"	PFA
1C100MN4438PF	DN06/10	NPT3/8"	PFA
1C100MN4512PF	DN08/10	NPT1/2"	PFA
1C100MN4512PP	DN08/10	NPT1/2"	PP
1C100MN4512PV	DN08/10	NPT1/2"	PVDF
1C100MN4514PF	DN08/10	NPT1/4"	PFA
1C100MN4514PN	DN08/10	NPT1/4"	PP-NATUR
1C100MN4514PP	DN08/10	NPT1/4"	PP
1C100MN4514PPEL	DN08/10	NPT1/4"	PP-EL
1C100MN4514PV	DN08/10	NPT1/4"	PVDF
1C100MN4518PF	DN08/10	NPT1/8"	PFA
1C100MN4518PP	DN08/10	NPT1/8"	PP
1C100MN4538PF	DN08/10	NPT3/8"	PFA
1C100MN4538PP	DN08/10	NPT3/8"	PP
1C100MN4538PPEL	DN08/10	NPT3/8"	PP
1C100MN4538PV	DN08/10	NPT3/8"	PVDF
1C100MN4612PF	DN08/12	NPT1/2"	PFA
1C100MN4612PP	DN08/12	NPT1/2"	PP
1C100MN4614PF	DN08/12	NPT1/4"	PFA
1C100MN4614PP	DN08/12	NPT1/4"	PP
1C100MN4638PF	DN08/12	NPT3/8"	PFA
1C100MN4712PF	DN09/12	NPT1/2"	PFA
1C100MN4712PV	DN09/12	NPT1/2"	PVDF
1C100MN4812PF	DN10/12	NPT1/2"	PFA
1C100MN4812PP	DN10/12	NPT1/2"	PP
1C100MN4812PV	DN10/12	NPT1/2"	PVDF
1C100MN4814PF	DN10/12	NPT1/4"	PFA
1C100MN4814PP	DN10/12	NPT1/4"	PP
1C100MN4814PV	DN10/12	NPT1/4"	PVDF
1C100MN4818PP	DN10/12	NPT1/8"	PP
1C100MN4834PF	DN10/12	NPT3/4"	PFA
1C100MN4838PF	DN10/12	NPT3/8"	PFA
1C100MN4838PP	DN10/12	NPT3/8"	PP
1C100MN4838PV	DN10/12	NPT3/8"	PVDF
1C100MN4914PP	DN10/14	NPT1/4"	PP
1C100MN4938PP	DN10/14	NPT3/8"	PP
1C100MN5112PF	DN12/14	NPT1/2"	PFA
1C100MN5112PP	DN12/14	NPT1/2"	PP
1C100MN5114PF	DN12/14	NPT1/4"	PFA
1C100MN5138PF	DN12/14	NPT3/8"	PFA
1C100MN5212PF	DN12/16	NPT1/2"	PFA
1C100MN5312PF	DN14/16	NPT1/2"	PFA
1C100MN5312PP	DN14/16	NPT1/2"	PP
1C100MN5334PF	DN14/16	NPT3/4"	PFA
1C100MN5712PV	DN18/20	NPT1/2"	PVDF
1C100MN5734PV	DN18/20	NPT3/4"	PVDF
1C100MN7714PV	DN06/09	NPT1/4"	PVDF

Dimensions 1A100MN... , 1C100MN...

A(DN)	B(NPT)	I3	~L4*	SW4	
4/6	1/6"/1/4"	1/8"	10	22	12
4/6	1/6"/1/4"	1/4"	15	23	17
4/6	1/6"/1/4"	3/8"	15.3	24	19
4/6	1/6"/1/4"	1/2"	20	25	24
5/8	6/8	1/8"	10	27	17
5/8	6/8	1/4"	15	27	17
5/8	6/8	3/8"	15.3	28	19
5/8	6/8	1/2"	20	29	24
6/9		1/8"	10		

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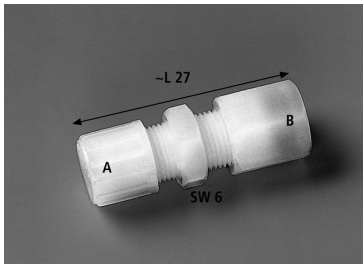
**Straight connector for flexible tube (Series 1C)
with male NPT-thread**

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A(DN)			B(NPT)		I3	~L4*	SW4
6/9				1/4"	15		
6/9				3/8"	15.3		
6/9				1/2"	20		
6/10	8/10		1/4"/3/8"	1/8"	10	31	19
6/10	8/10		1/4"/3/8"	1/4"	15	31	19
6/10	8/10		1/4"/3/8"	3/8"	15.3	31	19
6/10	8/10		1/4"/3/8"	1/2"	20	32	24
8/12	9/12	10/12	3/8"/1/2"	1/8"	10	35	22
8/12	9/12	10/12	3/8"/1/2"	1/4"	15	35	22
8/12	9/12	10/12	3/8"/1/2"	3/8"	15.3	35	22
8/12	9/12	10/12	3/8"/1/2"	1/2"	20	36	24
8/12	9/12	10/12	3/8"/1/2"	3/4"	20	40	32
10/14	12/14			1/8"	10	41	24
10/14	12/14			1/4"	15	41	24
10/14	12/14			3/8"	15.3	41	24
10/14	12/14			1/2"	20	41	24
10/14	12/14			3/4"	20	45	32
12/16	14/16			1/4"	15	44	27
12/16	14/16			3/8"	15.3	44	27
12/16	14/16			1/2"	20	44	27
12/16	14/16			3/4"	20	47	32
14/18	16/18			1/4"	15	47	27
14/18	16/18			3/8"	15.3	47	27
14/18	16/18			1/2"	20	47	27
14/18	16/18			3/4"	20	50	32
16/20	18/20			3/8"	15.3	52	32
16/20	18/20		5/8"/3/4"	1/2"	20	52	32
16/20	18/20		5/8"/3/4"	3/4"	20	52	32

Straight union for flexible tube (Series 1C) with connection for pipe (Series 2N)

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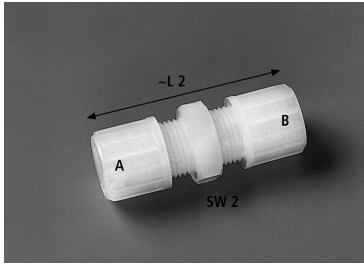


Article-Nr	Connection A	Connection B	Material
1C100P0315PF	DN1/8"/1/4"	D1/2"	PFA
1C100P0540PV	DN1/6"/1/4"	D06	PVDF
1C100P0705PF	DN3/16"/5/16"	D1/4"	PFA
1C100P1105PF	DN1/4"/3/8"	D1/4"	PFA
1C100P4003PF	DN04/06	D1/8"	PFA
1C100P4005PF	DN04/06	D1/4"	PFA
1C100P4015PF	DN04/06	D1/2"	PFA
1C100P4030PF	DN04/06	D3,0	PFA
1C100P4038PF	DN04/06	D04	PFA
1C100P4043PF	DN04/06	D08	PFA
1C100P4048PF	DN04/06	D12	PFA
1C100P4048PP	DN04/06	D12	PP
1C100P4048PV	DN04/06	D12	PVDF
1C100P40PF	DN04/06	D06	PFA
1C100P40PP	DN04/06	D06	PP
1C100P40PV	DN04/06	D06	PVDF
1C100P4345PF	DN06/08	D10	PFA
1C100P4345PV	DN06/08	D10	PVDF
1C100P43PF	DN06/08	D08	PFA
1C100P4540PF	DN08/10	D06	PFA
1C100P4548PV	DN08/10	D12	PVDF
1C100P4561PF	DN08/10	D25	PFA
1C100P45PF	DN08/10	D10	PFA
1C100P45PV	DN08/10	D10	PVDF
1C100P46PP	DN08/12	D12	PP
1C100P4815PF	DN10/12	D1/2"	PFA
1C100P4853PF	DN10/12	D16	PFA
1C100P48PF	DN10/12	D12	PFA
1C100P48PV	DN10/12	D12	PVDF

Dimensions 1A100P... , 1C100P...

A(DN)		B(D)		~L27*	SW6
4/6		1/6"-1/4"	6	1/4"	17
5/8	6/8		8		19
6/9					
6/10	8/10	1/4"-3/8"	10	3/8"	22
8/12	9/12	10/12	12	1/2"	24
10/14	12/14		14		27
12/16	14/16		16		27
14/18	16/18		18	3/4"	32
16/20	18/20	5/8"-3/4"	20		32

Straight union for flexible tube on both ends
(Series 1C)



Article-Nr	Connection A	Connection B	Material
1C100T03PF	DN1/8"/1/4"	DN1/8"/1/4"	PFA
1C100T03PV	DN1/8"/1/4"	DN1/8"/1/4"	PVDF
1C100T05PF	DN1/6"/1/4"	DN1/6"/1/4"	PFA
1C100T05PP	DN1/6"/1/4"	DN1/6"/1/4"	PP
1C100T05PV	DN1/6"/1/4"	DN1/6"/1/4"	PVDF
1C100T1105PF	DN1/4"/3/8"	DN1/6"/1/4"	PFA
1C100T1105PP	DN1/4"/3/8"	DN1/6"/1/4"	PP
1C100T1105PV	DN1/4"/3/8"	DN1/6"/1/4"	PVDF
1C100T11PF	DN1/4"/3/8"	DN1/4"/3/8"	PFA
1C100T12PF	DN5/16"/3/8"	DN5/16"/3/8"	PFA
1C100T15PF	DN3/8"/1/2"	DN3/8"/1/2"	PFA
1C100T15PV	DN3/8"/1/2"	DN3/8"/1/2"	PVDF
1C100T2015PP	DN5/8"/3/4"	DN3/8"/1/2"	PP
1C100T20PF	DN5/8"/3/4"	DN5/8"/3/4"	PFA
1C100T20PV	DN5/8"/3/4"	DN5/8"/3/4"	PVDF
1C100T4004PF	DN04/06	DN5/32"/1/4"	PFA
1C100T4005PF	DN04/06	DN1/6"/1/4"	PFA
1C100T4011PV	DN04/06	DN1/4"/3/8"	PVDF
1C100T40PF	DN04/06	DN04/06	PFA
1C100T40PP	DN04/06	DN04/06	PP
1C100T40PV	DN04/06	DN04/06	PVDF
1C100T4240PF	DN05/08	DN04/06	PFA
1C100T42PF	DN05/08	DN05/08	PFA
1C100T42PP	DN05/08	DN05/08	PP
1C100T42PV	DN05/08	DN05/08	PVDF
1C100T4303PF	DN06/08	DN1/8"/1/4"	PFA
1C100T4303PV	DN06/08	DN1/8"/1/4"	PVDF
1C100T4311PF	DN06/08	DN1/4"/3/8"	PFA
1C100T4311PV	DN06/08	DN1/4"/3/8"	PVDF
1C100T4315PF	DN06/08	DN3/8"/1/2"	PFA
1C100T4315PV	DN06/08	DN3/8"/1/2"	PVDF
1C100T4340PF	DN06/08	DN04/06	PFA
1C100T4340PP	DN06/08	DN04/06	PP
1C100T4340PV	DN06/08	DN04/06	PVDF
1C100T43PF	DN06/08	DN06/08	PFA
1C100T43PP	DN06/08	DN06/08	PP
1C100T43PV	DN06/08	DN06/08	PVDF
1C100T4440PF	DN06/10	DN04/06	PFA
1C100T4440PV	DN06/10	DN04/06	PVDF
1C100T44PF	DN06/10	DN06/10	PFA
1C100T44PV	DN06/10	DN06/10	PVDF
1C100T4511PV	DN08/10	DN1/4"/3/8"	PVDF
1C100T4515PV	DN08/10	DN3/8"/1/2"	PVDF
1C100T4540PF	DN08/10	DN04/06	PFA
1C100T4540PP	DN08/10	DN04/06	PP
1C100T4540PV	DN08/10	DN04/06	PVDF
1C100T4543PF	DN08/10	DN06/08	PFA
1C100T4543PP	DN08/10	DN06/08	PP
1C100T4543PV	DN08/10	DN06/08	PVDF
1C100T45PF	DN08/10	DN08/10	PFA
1C100T45PP	DN08/10	DN08/10	PP
1C100T45PV	DN08/10	DN08/10	PVDF
1C100T4640PF	DN08/12	DN04/06	PFA
1C100T4640PP	DN08/12	DN04/06	PP
1C100T4640PV	DN08/12	DN04/06	PVDF
1C100T4643PF	DN08/12	DN06/08	PFA
1C100T4643PV	DN08/12	DN06/08	PVDF
1C100T4644PF	DN08/12	DN06/10	PFA
1C100T46PF	DN08/12	DN08/12	PFA
1C100T46PV	DN08/12	DN08/12	PVDF
1C100T4740PV	DN09/12	DN04/06	PVDF
1C100T47PF	DN09/12	DN09/12	PFA

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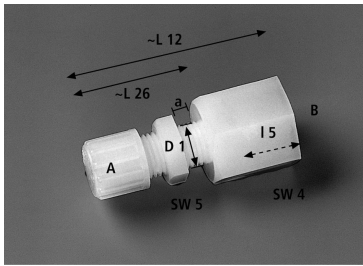
Article-Nr	Connection A	Connection B	Material
1C100T47PP	DN09/12	DN09/12	PP
1C100T47PV	DN09/12	DN09/12	PVDF
1C100T4811PF	DN10/12	DN1/4"/3/8"	PFA
1C100T4815PV	DN10/12	DN3/8"/1/2"	PVDF
1C100T4840PF	DN10/12	DN04/06	PFA
1C100T4840PV	DN10/12	DN04/06	PVDF
1C100T4843PF	DN10/12	DN06/08	PFA
1C100T4843PP	DN10/12	DN06/08	PP
1C100T4843PV	DN10/12	DN06/08	PVDF
1C100T4845PF	DN10/12	DN08/10	PFA
1C100T4845PV	DN10/12	DN08/10	PVDF
1C100T48PF	DN10/12	DN10/12	PFA
1C100T48PP	DN10/12	DN10/12	PP
1C100T48PV	DN10/12	DN10/12	PVDF
1C100T4945PF	DN10/14	DN08/10	PFA
1C100T49PF	DN10/14	DN10/14	PFA
1C100T49PP	DN10/14	DN10/14	PP
1C100T5140PF	DN12/14	DN04/06	PFA
1C100T5148PF	DN12/14	DN10/12	PFA
1C100T5148PP	DN12/14	DN10/12	PP
1C100T51PF	DN12/14	DN12/14	PFA
1C100T51PP	DN12/14	DN12/14	PP
1C100T52PF	DN12/16	DN12/16	PFA
1C100T53PF	DN14/16	DN14/16	PFA
1C100T5545PF	DN16/18	DN08/10	PFA
1C100T56PF	DN16/20	DN16/20	PFA
1C100T7740PP	DN06/09	DN04/06	PP
1C100T77PP	DN06/09	DN06/09	PP
1C100T77PV	DN06/09	DN06/09	PVDF

Dimensions 1A100T... , 1C100T...

	A-B(DN)		~L2*	SW2
4/6		1/6"-1/4"	39	14
5/8**	6/8		49	19 (17)**
6/9			55	22
6/10	8/10	1/4"-3/8"	55	22
8/12	9/12	10/12	64	24
10/14	12/14		74	24
12/16	14/16		79	27
14/18	16/18		85	27
16/20	18/20	5/8"-3/4"	92	32

**Straight bulkhead connector for flexible tube
(Series 1C) with female NPT-thread**

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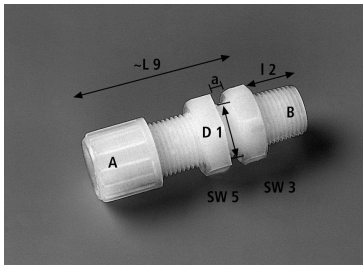
Article-Nr	Connection A	Connection B	Material
1C101FN1512PF	DN3/8"/1/2"	NPT1/2"	PFA
1C101FN4014PF	DN04/06	NPT1/4"	PFA
1C101FN4014PV	DN04/06	NPT1/4"	PVDF
1C101FN4018PV	DN04/06	NPT1/8"	PVDF
1C101FN4312PF	DN06/08	NPT1/2"	PFA
1C101FN4512PF	DN08/10	NPT1/2"	PFA

Dimensions 1A101FN... , 1C101FN...

A(DN)		B(NPT)	I5	~L12*	~L26*	SW4	SW5	ØD1	a
4/6		1/8" 1/6"/1/4"	11.6	47	31	14	14	10.5	9
4/6		1/4"	16.4	54	31	17	14	10.5	9
4/6		3/8" 1/6"/1/4"	17.4	55	31	22	14	10.5	9
4/6		1/2" 1/6"/1/4"	22.6	60	31	27	14	10.5	9
5/8	6/8	1/8"	11.6	53	36	19	19	14.5	9
5/8	6/8	1/4"	16.4	58	36	19	19	14.5	9
5/8	6/8	3/8"	17.4	59	36	22	19	14.5	9
5/8	6/8	1/2"	22.6	64	36	27	19	14.5	9
6/9		1/8"	11.6			22	22	16.5	
6/9		1/4"	16.4			22	22	16.5	
6/9		3/8"	17.4			22	22	16.5	
6/9		1/2"	22.6			27	22	16.5	
6/10	8/10	1/8" 1/4"/3/8"	11.6	58	41	22	22	16.5	10
6/10	8/10	1/4" 1/4"/3/8"	16.4	63	41	22	22	16.5	10
6/10	8/10	3/8" 1/4"/3/8"	17.4	64	41	22	22	16.5	10
6/10	8/10	1/2" 1/4"/3/8"	22.6	70	41	27	22	16.5	10
8/12	9/12	1/4" 10/12 3/8"/1/2"	16.4	70	48	24	24	18.5	12
8/12	9/12	3/8" 10/12 3/8"/1/4"	17.4	71	48	24	24	18.5	12
8/12	9/12	1/2" 10/12 3/8"/1/2"	22.6	77	48	27	24	18.5	12
8/12	9/12	3/4" 10/12 3/8"/1/4"	23.1	77	48	32	24	18.5	12
10/14		1/4"	16.4	76	56	24	27	20.5	14
10/14	12/14	3/8"	17.4	77	56	24	27	20.5	14
10/14	12/14	1/2"	22.6	84	56	27	27	20.5	14
10/14	12/14	3/4"	23.1	84	56	32	27	20.5	14
12/16		3/8"	17.4	84	61	27	27	22.5	16
12/16	14/16	1/2"	22.6	89	61	27	27	22.5	16
12/16	14/16	3/4"	23.1	89	61	32	27	22.5	16
14/18		1/2"	22.6	91	64	27	30	24.5	16
14/18	16/18	3/4"	23.1	91	64	32	30	24.5	16
		1/4" 5/8"/3/4"	16.4	89	68	32	32	26.5	18
		3/8" 5/8"/3/4"	17.4	90	68	32	32	26.5	18
16/20		1/2"	22.6	96	68	32	32	26.5	18
16/20	18/20	3/4" 5/8"/3/4"	23.1	96	68	32	32	26.5	18
16/20	18/20	5/8"/3/4"	23.1	96	68	32	32	26.5	18

**Straight bulkhead connector for flexible tube
(Series 1C) with male G-thread**

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Article-Nr	Connection A	Connection B	Material
1C101MG0314PF	DN1/8"/1/4"	G1/4"	PFA
1C101MG0514PF	DN1/6"/1/4"	G1/4"	PFA
1C101MG05314PFFK	DN1/6"/1/4"	G1/4"	PFA/FFKM
1C101MG0538PV	DN1/6"/1/4"	G3/8"	PVDF
1C101MG4014PF	DN04/06	G1/4"	PFA
1C101MG4014PP	DN04/06	G1/4"	PP
1C101MG4014PVFP	DN04/06	G1/4"	PVDF/FPM
1C101MG4018PF	DN04/06	G1/8"	PFA
1C101MG4314PF	DN06/08	G1/4"	PFA
1C101MG4314PP	DN06/08	G1/4"	PP
1C101MG4314PV	DN06/08	G1/4"	PVDF
1C101MG4318PP	DN06/08	G1/8"	PP
1C101MG4318PV	DN06/08	G1/8"	PVDF
1C101MG4338PF	DN06/08	G3/8"	PFA
1C101MG4512PF	DN08/10	G1/2"	PFA
1C101MG4538PF	DN08/10	G3/8"	PFA
1C101MG4812PF	DN10/12	G1/2"	PFA
1C101MG4812PP	DN10/12	G1/2"	PP

Dimensions 1A101MG... , 1C101MG...

	A(DN)	B(G)	l 2	~L9*	SW3	SW5	ØD1	a
4/6		1/8"	8	37.5	14	14	10.5	9
		1/6"/1/4"						
4/6		1/4"	12	39	17	14	10.5	9
		1/6"/1/4"						
4/6		3/8"	12	40.5	22	14	10.5	9
		1/6"/1/4"						
4/6		1/2"	14	43	27	14	10.5	9
		1/6"/1/4"						
5/8	6/8	1/8"	8	44.5	19	19	14.5	9
5/8	6/8	1/4"	12	45	19	19	14.5	9
5/8	6/8	3/8"	12	45.5	22	19	14.5	9
5/8	6/8	1/2"	14	48	27	19	14.5	9
6/9		1/8"	8	32.5	22	22	16.5	
6/9		1/4"	12	33	22	22	16.5	
6/9		3/8"	12	33.5	22	22	16.5	
6/9		1/2"	14	36	27	22	16.5	
6/10	8/10	1/8"	8	49.5	22	22	16.5	10
		1/4"/3/8"						
6/10	8/10	1/4"	12	50	22	22	16.5	10
		1/4"/3/8"						
6/10	8/10	3/8"	12	50.5	22	22	16.5	10
		1/4"/3/8"						
6/10	8/10	1/2"	14	53	27	22	16.5	10
		1/4"/3/8"						
8/12	9/12	1/4"	12	58	24	24	18.5	12
	10/12	3/8"/1/2"						
8/12	9/12	3/8"	12	58.5	24	24	18.5	12
	10/12	3/8"/1/2"						
8/12	9/12	1/2"	14	60	27	24	18.5	12
	10/12	3/8"/1/2"						
8/12	9/12	3/4"	16	61	32	24	18.5	12
	10/12	3/8"/1/2"						
10/14		1/4"	12	67	24	27	20.5	14
	12/14							
10/14		3/8"	12	67.5	24	27	20.5	14
	12/14							
10/14		1/2"	14	68	27	27	20.5	14
	12/14							
10/14		3/4"	16	69	32	27	20.5	14
	12/14							
12/16		3/8"	12	72.5	27	27	22.5	16
	14/16							
12/16		1/2"	14	73	27	27	22.5	16
	14/16							

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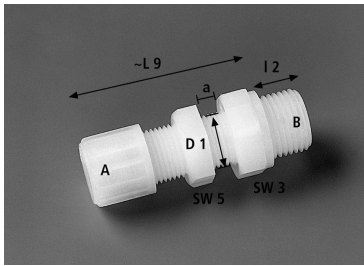
**Straight bulkhead connector for flexible tube
(Series 1C) with male G-thread**

1

	A(DN)	B(G)	l2	~L9*	SW3	SW5	ØD1	a
12/16	14/16	3/4"	16	74	32	27	22.5	16
14/18	16/18	1/2"	14	79	27	30	24.5	16
14/18	16/18	3/4"	16	79	32	30	24.5	16
		1/4"	12	80	32	32	26.5	18
		5/8"/3/4"	12	80.5	32	32	26.5	18
16/20	18/20	1/2"	14	81	32	32	26.5	18
		5/8"/3/4"	16	81	32	32	26.5	18
16/20	18/20	3/4"	16	81	32	32	26.5	18
		5/8"/3/4"						

**Straight bulkhead connector for flexible tube
(Series 1C) with male M-thread**

1



Article-Nr	Connection A	Connection B	Material
1C101MM4011PP	DN04/06	M10x1	PP

Dimensions 1A101MM... ,1C101MM...

A(DN)	B(M)	l2	~L9	SW3	SW5	ØD1	a		
4/6	5	6	37.5	12	14	10.5	9		
4/6	6	6	37.5	12	14	10.5	9		
4/6	10x1	8	37.5	14	14	10.5	9		
4/6	10x1,5	8	37.5	14	14	10.5	9		
4/6	12x1,5	12	39	17	14	10.5	9		
4/6	14x1,5	12	40.5	19	14	10.5	9		
4/6	16x1,5	12	40.5	22	14	10.5	9		
4/6	18x1,5	12	42	24	14	10.5	9		
5/8	6/8	8	43.5	19	19	14.5	9		
5/8	6/8	8	43.5	19	19	14.5	9		
5/8	10x1,5	8	43.5	19	19	14.5	9		
5/8	6/8	12	44	19	19	14.5	9		
5/8	6/8	12	45.5	19	19	14.5	9		
5/8	6/8	12	45.5	22	19	14.5	9		
5/8	6/8	12	47	24	19	14.5	9		
6/9	10x1	8		19	22	16.5			
6/9	10x1,5	8		19	22	16.5			
6/9	12x1,5	12		19	22	16.5			
6/9	14x1,5	12		19	22	16.5			
6/9	16x1,5	12		22	22	16.5			
6/9	18x1,5	12		24	22	16.5			
6/10	8/10	8	49.5	22	22	16.5	10		
6/10	8/10	8	49.5	22	22	16.5	10		
6/10	10x1,5	8	49.5	22	22	16.5	10		
6/10	8/10	12	50	22	22	16.5	10		
6/10	8/10	12	50.5	22	22	16.5	10		
6/10	8/10	12	50.5	22	22	16.5	10		
6/10	8/10	12	52	24	22	16.5	10		
8/12	9/12	10/12	12x1,5	12	57	24	24	18.5	12
8/12	9/12	10/12	14x1,5	12	57	24	24	18.5	12
8/12	9/12	10/12	16x1,5	12	57.5	24	24	18.5	12
8/12	9/12	10/12	18x1,5	12	59	24	24	18.5	12
10/14	12/14	12x1,5	12	66	24	27	20.5	14	
10/14	12/14	14x1,5	12	66	24	27	20.5	14	
10/14	12/14	16x1,5	12	66.5	24	27	20.5	14	
10/14	12/14	18x1,5	12	67	24	27	20.5	14	
12/16	14/16	14x1,5	12	73	27	27	22.5	16	

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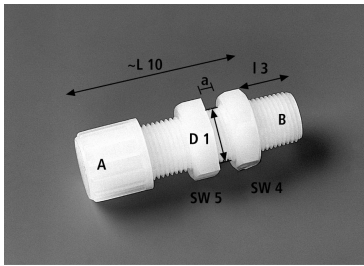
**Straight bulkhead connector for flexible tube
(Series 1C) with male M-thread**

1

	A(DN)	B(M)	l2	~L9	SW3	SW5	ØD1	a
12/16	14/16	16x1,5	12	73	27	27	22.5	16
12/16	14/16	18x1,5	12	73	27	27	22.5	16
14/18	16/18	18x1,5	12	76	27	30	24.5	16
14/18	16/18	20x1,5	14	76	27	30	24.5	16
14/18	16/18	22x1,5	14	76	27	30	24.5	16
14/18	16/18	24x1,5	16	76	27	30	24.5	16
16/20	18/20	20x1,5	14	83	32	32	26.5	18
16/20	18/20	22x1,5	14	83	32	32	26.5	18
16/20	18/20	24x1,5	16	83	32	32	26.5	18

**Straight bulkhead connector for flexible tube
(Series 1C) with male NPT-thread**

1



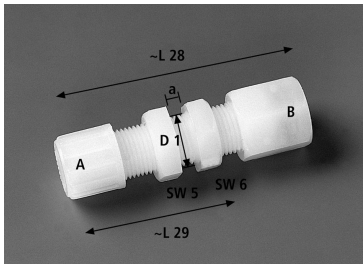
Article-Nr	Connection A	Connection B	Material
1C101MN0314PF	DN1/8"/1/4"	NPT1/4"	PFA
1C101MN4014PF	DN04/06	NPT1/4"	PFA
1C101MN4014PV	DN04/06	NPT1/4"	PVDF
1C101MN4018PV	DN04/06	NPT1/8"	PVDF
1C101MN4314PV	DN06/08	NPT1/4"	PVDF

Dimensions 1A101MN... , 1C101MN...

A(DN)		B(NPT)	I3	~L10*	SW4	SW5	ØD1	a
4/6		1/8"	10	36	14	14	10.5	9
		1/6"/1/4"						
4/6		1/4"	15	37	17	14	10.5	9
		1/6"/1/4"						
4/6		3/8"	15.3	37	19	14	10.5	9
		1/6"/1/4"						
4/6		1/2"	20	39	24	14	10.5	9
		1/6"/1/4"						
5/8	6/8	1/8"	10	42	17	19	14.5	9
5/8	6/8	1/4"	15	42	19	19	14.5	9
5/8	6/8	3/8"	15.3	42	19	19	14.5	9
5/8	6/8	1/2"	20	44	24	19	14.5	9
6/9		1/8"	10		22	22	16.5	
6/9		1/4"	15		22	22	16.5	
6/9		3/8"	15.3		22	22	16.5	
6/9		1/2"	20		24	22	16.5	
6/10	8/10	1/8"	10	48	22	22	16.5	10
		1/4"/3/8"						
6/10	8/10	1/4"	15	48	22	22	16.5	10
		1/4"/3/8"						
6/10	8/10	3/8"	15.3	48	22	22	16.5	10
		1/4"/3/8"						
6/10	8/10	1/2"	20	49	24	22	16.5	10
		1/4"/3/8"						
8/12	9/12	1/4"	15	56	24	24	18.5	12
	10/12	3/8"/1/2"						
8/12	9/12	3/8"	15.3	56	24	24	18.5	12
	10/12	3/8"/1/2"						
8/12	9/12	1/2"	20	57	27	24	18.5	12
	10/12	3/8"/1/2"						
8/12	9/12	3/4"	20	58	32	24	18.5	12
	10/12	3/8"/1/2"						
10/14		1/4"	15	65	27	27	20.5	14
	12/14							
10/14		3/8"	15.3	65	27	27	20.5	14
	12/14							
10/14		1/2"	20	65	27	27	20.5	14
	12/14							
10/14		3/4"	20	66	32	27	20.5	14
	12/14							
12/16		3/8"	15.3	70	27	27	22.5	16
	14/16							
12/16		1/2"	20	70	27	27	22.5	16
	14/16							
12/16		3/4"	20	71	32	27	22.5	16
	14/16							
14/18		1/2"	20	73	27	30	24.5	16
	16/18							
14/18		3/4"	20	74	32	30	24.5	16
	16/18							
		1/4"	15	78	32	32	26.5	18
		5/8"/3/4"						
		3/8"	15.3	78	32	32	26.5	18
		5/8"/3/4"						
16/20		1/2"	20	78	32	32	26.5	18
	18/20	5/8"/3/4"						
16/20		3/4"	20	78	32	32	26.5	18
	18/20	5/8"/3/4"						

Straight bulkhead union for flexible tube (Series 1C) with connection for pipe (Series 2N)

1



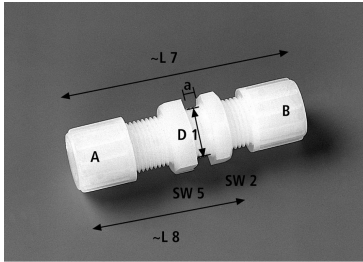
Article-Nr	Connection A	Connection B	Material
1C101P03PF	DN1/8"/1/4"	D1/4"	PFA
1C101P11PN	DN1/4"/3/8"	D3/8"	PP-NATUR
1C101P11PP	DN1/4"/3/8"	D3/8"	PP
1C101P4003PF	DN04/06	D1/8"	PFA
1C101P4005PF	DN04/06	D1/4"	PFA
1C101P4038PF	DN04/06	D04	PFA
1C101P40PF	DN04/06	D06	PFA
1C101P40PP	DN04/06	D06	PP
1C101P40PV	DN04/06	D06	PVDF
1C101P43PV	DN06/08	D08	PVDF
1C101P48PV	DN10/12	D12	PVDF

Dimensions 1A101P... , 1C101P...

A(DN)		B(D)		~L28*	~L29*	SW5	SW6	ØD1	a
4/6	1/6"- 1/4"	6	1/4"	64	37	14	17	10.5	9
5/8	6/8	8		70	43	19	19	14.5	9
6/9		10						16.5	
6/10	8/10	10	3/8"	78	48	22	22	16.5	10
8/12	9/12	12	1/2"	89	56	24	24	18.5	12
	10/12								
10/14		14		98	65	27	27	20.5	14
	12/14								
12/16		16		106	73	27	32	22.5	16
	14/16								
14/18		18		115	76	30	32	24.5	16
	16/18								
16/20		20	3/4"	119	80	32	32	26.5	18
	18/20								

Straight bulkhead union for flexible tube on both ends (Series 1C)

1



Article-Nr	Connection A	Connection B	Material
1C101T03PF	DN1/8"/1/4"	DN1/8"/1/4"	PFA
1C101T0515PV	DN1/6"/1/4"	DN3/8"/1/2"	PVDF
1C101T05PF	DN1/6"/1/4"	DN1/6"/1/4"	PFA
1C101T05PP	DN1/6"/1/4"	DN1/6"/1/4"	PP
1C101T05PV	DN1/6"/1/4"	DN1/6"/1/4"	PVDF
1C101T06PF	DN3/16"/1/4"	DN3/16"/1/4"	PFA
1C101T1105PF	DN1/4"/3/8"	DN1/6"/1/4"	PFA
1C101T1143PP	DN1/4"/3/8"	DN06/08	PP
1C101T11PF	DN1/4"/3/8"	DN1/4"/3/8"	PFA
1C101T11PN	DN1/4"/3/8"	DN1/4"/3/8"	PP-NATUR
1C101T11PP	DN1/4"/3/8"	DN1/4"/3/8"	PP
1C101T11PV	DN1/4"/3/8"	DN1/4"/3/8"	PVDF
1C101T15PF	DN3/8"/1/2"	DN3/8"/1/2"	PFA
1C101T15PV	DN3/8"/1/2"	DN3/8"/1/2"	PVDF
1C101T4003PV	DN04/06	DN1/8"/1/4"	PVDF
1C101T4004PF	DN04/06	DN5/32"/1/4"	PFA
1C101T4005PF	DN04/06	DN1/6"/1/4"	PFA
1C101T4005PP	DN04/06	DN1/6"/1/4"	PP
1C101T4043PF	DN04/06	DN06/08	PFA
1C101T4043PN	DN04/06	DN06/08	PP-NATUR
1C101T4043PP	DN04/06	DN06/08	PP
1C101T4043PV	DN04/06	DN06/08	PVDF
1C101T4045PF	DN04/06	DN08/10	PFA
1C101T4045PV	DN04/06	DN08/10	PVDF
1C101T4048PF	DN04/06	DN10/12	PFA
1C101T4048PV	DN04/06	DN10/12	PVDF
1C101T40PF	DN04/06	DN04/06	PFA
1C101T40PN	DN04/06	DN04/06	PP-NATUR
1C101T40PP	DN04/06	DN04/06	PP
1C101T40PV	DN04/06	DN04/06	PVDF
1C101T42PF	DN05/08	DN05/08	PFA
1C101T42PV	DN05/08	DN05/08	PVDF
1C101T4311PF	DN06/08	DN1/4"/3/8"	PFA
1C101T4340PP	DN06/08	DN04/06	PP
1C101T4340PV	DN06/08	DN04/06	PVDF
1C101T4345PF	DN06/08	DN08/10	PFA
1C101T4345PV	DN06/08	DN08/10	PVDF
1C101T4348PF	DN06/08	DN10/12	PFA
1C101T43PF	DN06/08	DN06/08	PFA
1C101T43PP	DN06/08	DN06/08	PP
1C101T43PV	DN06/08	DN06/08	PVDF
1C101T44PF	DN06/10	DN06/10	PFA
1C101T4540PF	DN08/10	DN04/06	PFA
1C101T4548PV	DN08/10	DN10/12	PVDF
1C101T45PF	DN08/10	DN08/10	PFA
1C101T45PP	DN08/10	DN08/10	PP
1C101T45PV	DN08/10	DN08/10	PVDF
1C101T4640PV	DN08/12	DN04/06	PVDF
1C101T46PF	DN08/12	DN08/12	PFA
1C101T47PF	DN09/12	DN09/12	PFA
1C101T47PV	DN09/12	DN09/12	PVDF
1C101T4840PF	DN10/12	DN04/06	PFA
1C101T4840PV	DN10/12	DN04/06	PVDF
1C101T48PF	DN10/12	DN10/12	PFA
1C101T48PP	DN10/12	DN10/12	PP
1C101T48PV	DN10/12	DN10/12	PVDF
1C101T51PF	DN12/14	DN12/14	PFA
1C101T52PF	DN12/16	DN12/16	PFA
1C101T77PP	DN06/09	DN06/09	PP

Dimensions 1A101T... , 1C101T...

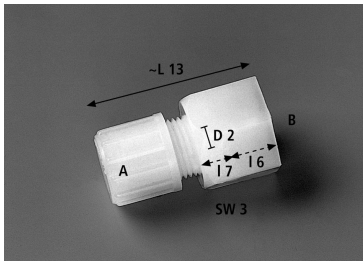
Straight bulkhead union for flexible tube on both ends (Series 1C)

1

A-B(DN)			~L7	~L8	SW2	SW5	ØD1	a
4/6		1/6"- 1/4"	53	36	14	14	10.5	9
5/8**	6/8		64	43	19 (17)**	19	14.5	9
6/9					22		16.5	
6/10	8/10	1/4"- 3/8"	73	49	22	22	16.5	10
8/12	9/12 10/12	3/8"- 1/2"	84	56	24	24	18.5	12
10/14	12/14		98	65	27	27	20.5	14
12/16	14/16		105	70	27	27	22.5	16
14/18	16/18		111	73	27	30	24.5	16
16/20	18/20	5/8"- 3/4"	120	80	32	32	26.5	18

Straight pressure gauge connector for flexible tube (Series 1C) with female G-thread

1



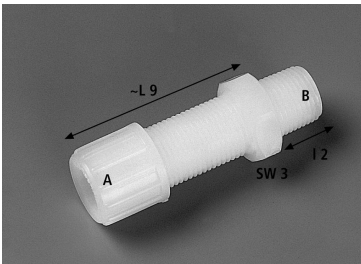
Article-Nr	Connection A	Connection B	Material
1C110FG4012PF	DN04/06	G1/2"	PFA
1C110FG4012PP	DN04/06	G1/2"	PP
1C110FG4014PF	DN04/06	G1/4"	PFA
1C110FG4014PP	DN04/06	G1/4"	PP
1C110FG4014PV	DN04/06	G1/4"	PVDF
1C110FG4312PP	DN06/08	G1/2"	PP
1C110FG4314PF	DN06/08	G1/4"	PFA
1C110FG4314PP	DN06/08	G1/4"	PP
1C110FG4812PF	DN10/12	G1/2"	PFA

Dimensions 1A110FG... , 1C110FG...

	A(DN)		B(G)	l6	l7	~L13*	SW3	ØD2
4/6		1/4"	10	4	36.5	17	5,5	
	1/6"/1/4"							
4/6		1/2"	18	6	44	27	7	
	1/6"/1/4"							
5/8	6/8	1/4"	10	4	38	17	5,5	
5/8	6/8	1/2"	18	6	48	27	7	
6/9		1/4"	10	4				
6/9		1/2"	18	6				
6/10		1/4"	10	4	41	19	5,5	
	1/4"/3/8"							
6/10	8/10	1/2"	18	6	51	27	7	
	1/4"/3/8"							
8/12		1/2"	18	6	55	27	7	

**Straight connector for flexible tube (Series 1C)
with male G-thread (long model)**

1

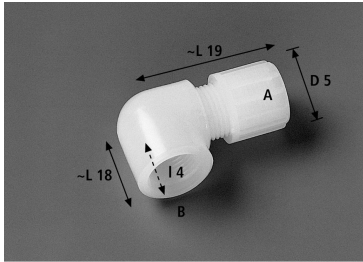


Article-Nr	Connection A	Connection B	Material
1C110MG4014PP	DN04/06	G1/4"	PP
1C110MG4018PV	DN04/06	G1/8"	PVDF
1C110MG4314PF	DN06/08	G1/4"	PFA
1C110MG4812PF	DN10/12	G1/2"	PFA
1C150MG4014PN	DN04/06	G1/4"	PP-NATUR
1C150MG4014PV	DN04/06	G1/4"	PVDF

Dimensions 1A110MG . . . , 1C110MG . . .

A(DN)			B(G)	l2	~L9*	SW3	
4/6			1/6"/1/4"	1/8"	8	37.5	14
4/6			1/6"/1/4"	1/4"	12	39	17
4/6			1/6"/1/4"	3/8"	12	40.5	22
4/6			1/6"/1/4"	1/2"	14	43	27
5/8	6/8			1/8"	8	44.5	19
5/8	6/8			1/4"	12	45	19
5/8	6/8			3/8"	12	45.5	22
5/8	6/8			1/2"	14	48	27
6/9				1/8"	8	32.5	22
6/9				1/4"	12	33	22
6/9				3/8"	12	33.5	22
6/9				1/2"	14	36	27
6/10	8/10		1/4"/3/8"	1/8"	8	49.5	22
6/10	8/10		1/4"/3/8"	1/4"	12	50	22
6/10	8/10		1/4"/3/8"	3/8"	12	50.5	22
6/10	8/10		1/4"/3/8"	1/2"	14	53	27
8/12	9/12	10/12	3/8"/1/2"	1/4"	12	58	24
8/12	9/12	10/12	3/8"/1/2"	3/8"	12	58.5	24
8/12	9/12	10/12	3/8"/1/2"	1/2"	14	60	27
8/12	9/12	10/12	3/8"/1/2"	3/4"	16	61	32
10/14	12/14			1/4"	12	67	24
10/14	12/14			3/8"	12	67.5	24
10/14	12/14			1/2"	14	68	27
10/14	12/14			3/4"	16	69	32
12/16	14/16			3/8"	12	72.5	27
12/16	14/16			1/2"	14	73	27
12/16	14/16			3/4"	16	74	32
14/18	16/18			1/2"	14	79	27
14/18	16/18			3/4"	16	79	32
			5/8"/3/4"	1/4"	12	80	32
			5/8"/3/4"	3/8"	12	80.5	32
16/20	18/20		5/8"/3/4"	1/2"	14	81	32
16/20	18/20		5/8"/3/4"	3/4"	16	81	32

Elbow connector for flexible tube (Series 1C) with female G-thread



Article-Nr	Connection A	Connection B	Material
1C200FG0518PF	DN1/6"/1/4"	G1/8"	PFA
1C200FG0518PP	DN1/6"/1/4"	G1/8"	PP
1C200FG1512PF	DN3/8"/1/2"	G1/2"	PFA
1C200FG1514PF	DN3/8"/1/2"	G1/4"	PFA
1C200FG1538PF	DN3/8"/1/2"	G3/8"	PFA
1C200FG4014PF	DN04/06	G1/4"	PFA
1C200FG4014PP	DN04/06	G1/4"	PP
1C200FG4014PV	DN04/06	G1/4"	PVDF
1C200FG4212PF	DN05/08	G1/2"	PFA
1C200FG4312PF	DN06/08	G1/2"	PFA
1C200FG4312PV	DN06/08	G1/2"	PVDF
1C200FG4314PF	DN06/08	G1/4"	PFA
1C200FG4314PP	DN06/08	G1/4"	PP
1C200FG4314PV	DN06/08	G1/4"	PVDF
1C200FG4318PF	DN06/08	G1/8"	PFA
1C200FG4338PF	DN06/08	G3/8"	PFA
1C200FG4338PV	DN06/08	G3/8"	PVDF
1C200FG4512PV	DN08/10	G1/2"	PVDF
1C200FG4514PF	DN08/10	G1/4"	PFA
1C200FG4514PP	DN08/10	G1/4"	PP
1C200FG4538PF	DN08/10	G3/8"	PFA
1C200FG4612PF	DN08/12	G1/2"	PFA
1C200FG4638PF	DN08/12	G3/8"	PFA
1C200FG4812PF	DN10/12	G1/2"	PFA
1C200FG4812PP	DN10/12	G1/2"	PP
1C200FG4814PF	DN10/12	G1/4"	PFA
1C200FG4814PV	DN10/12	G1/4"	PVDF
1C200FG4834PF	DN10/12	G3/4"	PFA
1C200FG4838PF	DN10/12	G3/8"	PFA
1C200FG4838PV	DN10/12	G3/8"	PVDF
1C200FG5112PF	DN12/14	G1/2"	PFA
1C200FG5212PP	DN12/16	G1/2"	PP

Dimensions 1A200FG... , 1C200FG...

A(DN)		B(G)	I4	L18	~L19*	ØD5
4/6		1/8"	10	17	26	15
		1/4"	15	20	29	20
		3/8"	15	20	32	25
		1/2"	16	23	34	30
5/8	6/8	1/8"	10	17	30	15
		1/4"	15	20	33	20
		3/8"	15	20	36	25
		1/2"	16	23	38	30
6/9		1/8"	10			
		1/4"	15			
		3/8"	15			
		1/2"	16			
6/10	8/10	1/8"	10	17	36	20
		1/4"	15	20	36	20
		3/8"	15	20	39	25
		1/2"	16	23	41	30
8/12	9/12 10/12	1/8"	10	20	40	20
		1/4"	15	20	40	20
		3/8"	15	20	43	25
		3/8"	15	20	43	25

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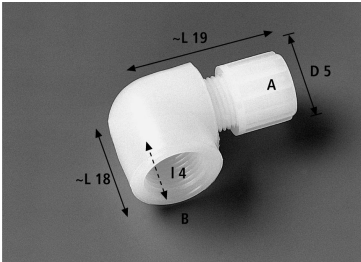
**Elbow connector for flexible tube (Series 1C)
with female G-thread**

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	A(DN)		B(G)	I4	L18	~L19*	ØD5	
8/12	9/12	10/12	3/8"/1/2"	1/2"	16	23	45	30
8/12	9/12	10/12	3/8"/1/2"	3/4"	20	37	56	45
10/14	12/14			1/8"	10	23	48	25
10/14	12/14			1/4"	15	23	48	25
10/14	12/14			3/8"	15	23	48	25
10/14	12/14			1/2"	16	25	50	30
10/14	12/14			3/4"	20	37	61	45
12/16	14/16			1/4"	15	25	50	25
12/16	14/16			3/8"	15	25	50	25
12/16	14/16			1/2"	16	25	52	30
12/16	14/16			3/4"	20	37	63	45
14/18	16/18			1/4"	15	25	55	30
14/18	16/18			3/8"	15	25	55	30
14/18	16/18			1/2"	16	25	55	30
14/18	16/18			3/4"	20	37	66	45
16/20	18/20			1/4"	15	25	57	30
			5/8"/3/4"					
16/20	18/20			3/8"	15	25	57	30
			5/8"/3/4"					
16/20	18/20			1/2"	16	28	57	30
			5/8"/3/4"					
16/20	18/20			3/4"	20	37	68	45
			5/8"/3/4"					

Elbow connector for flexible tube (Series 1C) with female M-thread

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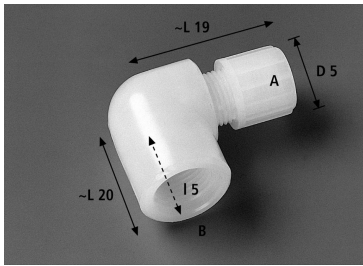
Article-Nr	Connection A	Connection B	Material
1C200FM4011PF	DN04/06	M10x1	PFA
1C200FM4011PP	DN04/06	M10x1	PP
1C200FM4311PF	DN06/08	M10x1	PFA
1C200FM4311PP	DN06/08	M10x1	PP
1C200FM4318PF	DN06/08	M16x1	PFA

Dimensions 1A200FM... , 1C200FM...

A(DN)		B(M)	I4	L18	~L19	ØD5	
4/6		5	8	17	25	13	
4/6		6	10	17	26	15	
4/6		10x1	10	17	26	15	
4/6		10x1,5	10	17	26	15	
4/6		12x1,5	15	20	29	20	
4/6		14x1,5	15	20	29	20	
4/6		16x1,5	15.5	20	32	25	
4/6		18x1,5	16.5	20	32	25	
5/8	6/8	10x1	10	17	30	15	
5/8	6/8	10x1,5	10	17	30	15	
5/8	6/8	12x1,5	15	20	33	20	
5/8	6/8	14x1,5	15	20	33	20	
5/8	6/8	16x1,5	15.5	20	36	25	
5/8	6/8	18x1,5	16.5	20	36	25	
6/9		10x1	10				
6/9		10x1,5	10				
6/9		12x1,5	15				
6/9		14x1,5	15				
6/9		16x1,5	15.5				
6/9		18x1,5	16.5				
6/10	8/10	10x1	10	17	36	20	
6/10	8/10	10x1,5	10	20	36	20	
6/10	8/10	12x1,5	15	20	36	20	
6/10	8/10	14x1,5	15	20	36	20	
6/10	8/10	16x1,5	15.5	20	39	25	
6/10	8/10	18x1,5	16.5	20	39	25	
8/12	9/12	10/12	12x1,5	15	20	40	20
8/12	9/12	10/12	14x1,5	15	20	40	20
8/12	9/12	10/12	16x1,5	15.5	20	43	25
8/12	9/12	10/12	18x1,5	16.5	20	43	25
10/14	12/14		12x1,5	15	23	48	25
10/14	12/14		14x1,5	15	23	48	25
10/14	12/14		16x1,5	15.5	25	48	25
10/14	12/14		18x1,5	16.5	25	48	25
12/16	14/16		14x1,5	15	25	50	25
12/16	14/16		16x1,5	15.5	25	50	25
12/16	14/16		18x1,5	16.5	25	50	25
14/18	16/18		18x1,5	16.5	28	55	30
14/18	16/18		20x1,5	16.5	28	55	30
14/18	16/18		22x1,5	18	28	55	30
14/18	16/18		24x1,5	18.5	28	55	30
16/20	18/20		20x1,5	16.5	28	57	30
16/20	18/20		22x1,5	18	28	57	30
16/20	18/20		24x1,5	18.5	28	57	30

Elbow connector for flexible tube (Series 1C) with female NPT-thread

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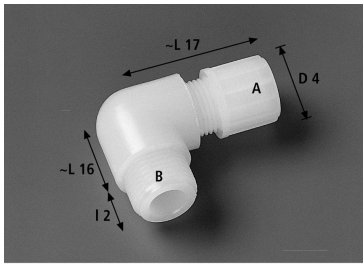


Article-Nr	Connection A	Connection B	Material
1C200FN1114PP	DN1/4"/3/8"	NPT1/4"	PP
1C200FN4014PF	DN04/06	NPT1/4"	PFA
1C200FN4014PP	DN04/06	NPT1/4"	PP
1C200FN4018PF	DN04/06	NPT1/8"	PFA
1C200FN4314PF	DN06/08	NPT1/4"	PFA
1C200FN4514PF	DN08/10	NPT1/4"	PFA
1C200FN4812PF	DN10/12	NPT1/2"	PFA
1C200FN5312PV	DN14/16	NPT1/2"	PVDF
1C200FN5712PV	DN18/20	NPT1/2"	PVDF
1C200FN5734PV	DN18/20	NPT3/4"	PVDF

Dimensions 1A200FN... , 1C200FN...

A(DN)			B(NPT)	I5	L20	~L19*	ØD5
4/6			1/8"	11.6	20	26	15
		1/6"/1/4"					
4/6			1/4"	16.4	24	29	20
		1/6"/1/4"					
4/6			3/8"	17.4	26	32	25
		1/6"/1/4"					
4/6			1/2"	22.6	32	34	30
		1/6"/1/4"					
5/8	6/8		1/8"	11.6	20	30	15
5/8	6/8		1/4"	16.4	24	33	20
5/8	6/8		3/8"	17.4	26	36	25
5/8	6/8		1/2"	22.6	32	38	30
6/9			1/8"	11.6	20		
6/9			1/4"	16.4	24		
6/9			3/8"	17.4	26		
6/9			1/2"	22.6	32		
6/10	8/10		1/8"	11.6	20	36	20
		1/4"/3/8"					
6/10	8/10		1/4"	16.4	24	36	20
		1/4"/3/8"					
6/10	8/10		3/8"	17.4	26	39	25
		1/4"/3/8"					
6/10	8/10		1/2"	22.6	32	41	30
		1/4"/3/8"					
8/12	9/12	10/12	1/4"	16.4	24	40	20
			3/8"/1/2"				
8/12	9/12	10/12	3/8"	17.4	26	43	20
			3/8"/1/2"				
8/12	9/12	10/12	1/2"	22.6	32	45	30
			3/8"/1/2"				
8/12	9/12	10/12	3/4"	23.1		56	45
			3/8"/1/2"				
10/14	12/14		1/4"	16.4	24	48	25
10/14	12/14		3/8"	17.4	26	48	25
10/14	12/14		1/2"	22.6	32	50	30
10/14	12/14		3/4"	23.1		61	45
12/16	14/16		3/8"	17.4	28	50	25
12/16	14/16		1/2"	22.6	34	52	30
12/16	14/16		3/4"	23.1		63	45
14/18	16/18		1/2"	22.6		55	30
14/18	16/18		3/4"	23.1		66	45
			1/4"	16.4		57	30
			3/8"	17.4		57	30
			5/8"/3/4"				
16/20	18/20		1/2"	22.6		57	30
			5/8"/3/4"				
16/20	18/20		3/4"	23.1		68	45
			5/8"/3/4"				

Elbow connector for flexible tube (Series 1C)
with male G-thread



Article-Nr	Connection A	Connection B	Material
1C200MG0314PFFK	DN1/8"/1/4"	G1/4"	PFA/FFKM
1C200MG0514PF	DN1/6"/1/4"	G1/4"	PFA
1C200MG0514PFFK	DN1/6"/1/4"	G1/4"	PFA/FFKM
1C200MG0514PP	DN1/6"/1/4"	G1/4"	PP
1C200MG0514PV	DN1/6"/1/4"	G1/4"	PVDF
1C200MG0518PF	DN1/6"/1/4"	G1/8"	PFA
1C200MG0518PP	DN1/6"/1/4"	G1/8"	PP
1C200MG0538PF	DN1/6"/1/4"	G3/8"	PFA
1C200MG1112PF	DN1/4"/3/8"	G1/2"	PFA
1C200MG1114PF	DN1/4"/3/8"	G1/4"	PFA
1C200MG1114PP	DN1/4"/3/8"	G1/4"	PP
1C200MG1138PF	DN1/4"/3/8"	G3/8"	PFA
1C200MG1512PF	DN3/8"/1/2"	G1/2"	PFA
1C200MG1512PP	DN3/8"/1/2"	G1/2"	PP
1C200MG1512PV	DN3/8"/1/2"	G1/2"	PVDF
1C200MG2034PV	DN5/8"/3/4"	G3/4"	PVDF
1C200MG3914PP	DN04/05	G1/4"	PP
1C200MG3918PP	DN04/05	G1/8"	PP
1C200MG4012PF	DN04/06	G1/2"	PFA
1C200MG4012PP	DN04/06	G1/2"	PP
1C200MG4012PV	DN04/06	G1/2"	PVDF
1C200MG4014PF	DN04/06	G1/4"	PFA
1C200MG4014PN	DN04/06	G1/4"	PP-NATUR
1C200MG4014PP	DN04/06	G1/4"	PP
1C200MG4014PV	DN04/06	G1/4"	PVDF
1C200MG4014PVFP	DN04/06	G1/4"	PVDF/FPM
1C200MG4018PF	DN04/06	G1/8"	PFA
1C200MG4018PFFP	DN04/06	G1/8"	PFA/FPM
1C200MG4018PN	DN04/06	G1/8"	PP-NATUR
1C200MG4018PP	DN04/06	G1/8"	PP
1C200MG4018PPEP	DN04/06	G1/8"	PP/EPDM
1C200MG4018PPFP	DN04/06	G1/8"	PP/FPM
1C200MG4018PV	DN04/06	G1/8"	PVDF
1C200MG4038PF	DN04/06	G3/8"	PFA
1C200MG4038PP	DN04/06	G3/8"	PP
1C200MG4038PV	DN04/06	G3/8"	PVDF
1C200MG4214PP	DN05/08	G1/4"	PP
1C200MG4218PP	DN05/08	G1/8"	PP
1C200MG4312PF	DN06/08	G1/2"	PFA
1C200MG4312PN	DN06/08	G1/2"	PP-NATUR
1C200MG4312PP	DN06/08	G1/2"	PP
1C200MG4312PPFP	DN06/08	G1/2"	PP/FPM
1C200MG4312PV	DN06/08	G1/2"	PVDF
1C200MG4314PF	DN06/08	G1/4"	PFA
1C200MG4314PN	DN06/08	G1/4"	PP-NATUR
1C200MG4314PP	DN06/08	G1/4"	PP
1C200MG4314PV	DN06/08	G1/4"	PVDF
1C200MG4318PF	DN06/08	G1/8"	PFA
1C200MG4318PP	DN06/08	G1/8"	PP
1C200MG4318PV	DN06/08	G1/8"	PVDF
1C200MG4334PF	DN06/08	G3/4"	PFA
1C200MG4338PF	DN06/08	G3/8"	PFA
1C200MG4338PFFP	DN06/08	G3/8"	PFA/FPM
1C200MG4338PP	DN06/08	G3/8"	PP
1C200MG4338PV	DN06/08	G3/8"	PVDF
1C200MG4414PF	DN06/10	G1/4"	PFA
1C200MG4414PP	DN06/10	G1/4"	PP
1C200MG4418PP	DN06/10	G1/8"	PP
1C200MG4438PP	DN06/10	G3/8"	PP
1C200MG4512PF	DN08/10	G1/2"	PFA
1C200MG4512PP	DN08/10	G1/2"	PP
1C200MG4512PV	DN08/10	G1/2"	PVDF

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Elbow connector for flexible tube (Series 1C)
with male G-thread

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Article-Nr	Connection A	Connection B	Material
1C200MG4512PVFP	DN08/10	G1/2"	PVDF/FPM
1C200MG4514PF	DN08/10	G1/4"	PFA
1C200MG4514PP	DN08/10	G1/4"	PP
1C200MG4514PEL	DN08/10	G1/4"	PP-EL
1C200MG4514PV	DN08/10	G1/4"	PVDF
1C200MG4518PF	DN08/10	G1/8"	PFA
1C200MG4538PF	DN08/10	G3/8"	PFA
1C200MG4538PP	DN08/10	G3/8"	PP
1C200MG4612PF	DN08/12	G1/2"	PFA
1C200MG4612PP	DN08/12	G1/2"	PP
1C200MG4614PF	DN08/12	G1/4"	PFA
1C200MG4614PP	DN08/12	G1/4"	PP
1C200MG4638PV	DN08/12	G3/8"	PVDF
1C200MG4714PF	DN09/12	G1/4"	PFA
1C200MG4714PFEP	DN09/12	G1/4"	PFA/EPDM
1C200MG4738PP	DN09/12	G3/8"	PP
1C200MG4812PF	DN10/12	G1/2"	PFA
1C200MG4812PP	DN10/12	G1/2"	PP
1C200MG4812PV	DN10/12	G1/2"	PVDF
1C200MG4814PF	DN10/12	G1/4"	PFA
1C200MG4814PP	DN10/12	G1/4"	PP
1C200MG4814PV	DN10/12	G1/4"	PVDF
1C200MG4814PVFP	DN10/12	G1/4"	PVDF/FPM
1C200MG4834PF	DN10/12	G3/4"	PFA
1C200MG4838PF	DN10/12	G3/8"	PFA
1C200MG4838PP	DN10/12	G3/8"	PP
1C200MG4838PV	DN10/12	G3/8"	PVDF
1C200MG4914PF	DN10/14	G1/4"	PFA
1C200MG5112PF	DN12/14	G1/2"	PFA
1C200MG5212PV	DN12/16	G1/2"	PVDF
1C200MG5312PP	DN14/16	G1/2"	PP
1C200MG7712PP	DN06/09	G1/2"	PP
1C200MG7714PF	DN06/09	G1/4"	PFA
1C200MG7714PP	DN06/09	G1/4"	PP
1C200MG7714PV	DN06/09	G1/4"	PVDF
1C200MG7718PP	DN06/09	G1/8"	PP
1C200MG7738PP	DN06/09	G3/8"	PP

Dimensions 1A200MG . . . , 1C200MG . . .

A(DN)		B(G)	I2	L16	~L17*	ØD4
4/6		1/8"	8	12	25	13
	1/6"/1/4"					
4/6		1/4"	12	13	26	15
	1/6"/1/4"					
4/6		3/8"	12	19	29	20
	1/6"/1/4"					
4/6		1/2"	14	15	32	25
	1/6"/1/4"					
5/8	6/8	1/8"	8	15	30	15
5/8	6/8	1/4"	12	15	30	15
5/8	6/8	3/8"	12	15	33	20
5/8	6/8	1/2"	14	15	36	25
6/9		1/8"	8			
6/9		1/4"	12			
6/9		3/8"	12			
6/9		1/2"	14			
6/10	8/10	1/8"	8	17	36	20
	1/4"/3/8"					
6/10	8/10	1/4"	12	17	36	20
	1/4"/3/8"					
6/10	8/10	3/8"	12	17	36	20
	1/4"/3/8"					

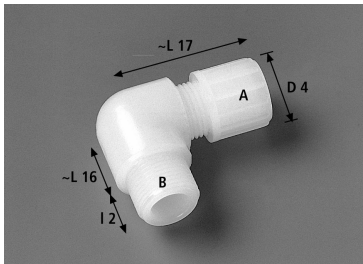
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**Elbow connector for flexible tube (Series 1C)
with male G-thread**

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	A(DN)		B(G)	l2	L16	~L17*	ØD4	
6/10	8/10		1/4"/3/8"	1/2"	14	17	39	25
8/12	9/12	10/12	3/8"/1/2"	1/4"	12	19	40	20
8/12	9/12	10/12	3/8"/1/2"	3/8"	12	19	40	20
8/12	9/12	10/12	3/8"/1/2"	1/2"	14	19	43	25
8/12	9/12	10/12	3/8"/1/2"	3/4"	16	19	45	30
10/14	12/14			1/4"	12	21	48	25
10/14	12/14			3/8"	12	21	48	25
10/14	12/14			1/2"	14	21	48	25
10/14	12/14			3/4"	16	21	50	30
12/16	14/16			3/8"	12	23	50	25
12/16	14/16			1/2"	14	23	50	25
12/16	14/16			3/4"	16	23	52	30
14/18	16/18			1/2"	14	25	55	30
14/18	16/18			3/4"	16	25	55	30
			5/8"/3/4"	1/4"	12	25	57	30
				3/8"	12	25	57	30
			5/8"/3/4"					
16/20	18/20			1/2"	14	25	57	30
			5/8"/3/4"					
16/20	18/20			3/4"	16	25	57	30
			5/8"/3/4"					

Elbow connector for flexible tube (Series 1C) with male M-thread



Article-Nr	Connection A	Connection B	Material
1C200MM3911PP	DN04/05	M10x1	PP
1C200MM4005PF	DN04/06	M5	PFA
1C200MM4005PP	DN04/06	M5	PP
1C200MM4005PV	DN04/06	M5	PVDF
1C200MM4006PF	DN04/06	M6	PFA
1C200MM4011PF	DN04/06	M10x1	PFA
1C200MM4011PP	DN04/06	M10x1	PP
1C200MM4011PV	DN04/06	M10x1	PVDF
1C200MM4012PV	DN04/06	M10x1,5	PVDF
1C200MM4015PF	DN04/06	M12x1,5	PFA
1C200MM4015PVFP	DN04/06	M12x1,5	PVDF/FPM
1C200MM4415PV	DN06/10	M12x1,5	PVDF
1C200MM4815PV	DN10/12	M12x1,5	PVDF
1C200MM4821PF	DN10/12	M18x1,5	PFA

Dimensions 1A200MM . . . , 1C200MM . . .

A(DN)		B(M)	I2	L16	~L17	ØD4
4/6		5	6	12	25	13
4/6		6	6	12	25	13
4/6		10x1	8	12	25	13
4/6		10x1,5	8	12	25	13
4/6		12x1,5	12	13	26	15
4/6		14x1,5	12	13	26	15
4/6		16x1,5	12	15	29	20
4/6		18x1,5	12	15	29	20
5/8	6/8	10x1	8	15	30	15
5/8	6/8	10x1,5	8	15	30	15
5/8	6/8	12x1,5	12	15	30	15
5/8	6/8	14x1,5	12	15	30	15
5/8	6/8	16x1,5	12	15	33	20
5/8	6/8	18x1,5	12	15	33	20
6/9		10x1	8			
6/9		10x1,5	8			
6/9		12x1,5	12			
6/9		14x1,5	12			
6/9		16x1,5	12			
6/9		18x1,5	12			
6/10	8/10	10x1	8	17	36	20
6/10	8/10	10x1,5	8	17	36	20
6/10	8/10	12x1,5	12	17	36	20
6/10	8/10	14x1,5	12	17	36	20
6/10	8/10	16x1,5	12	17	36	20
6/10	8/10	18x1,5	12	17	36	20
8/12	9/12 10/12	12x1,5	12	19	40	20
8/12	9/12 10/12	14x1,5	12	19	40	20
8/12	9/12 10/12	16x1,5	12	19	40	20
8/12	9/12 10/12	18x1,5	12	19	40	20
10/14	12/14	12x1,5	12	21	48	25
10/14	12/14	14x1,5	12	21	48	25
10/14	12/14	16x1,5	12	21	48	25
10/14	12/14	18x1,5	12	21	48	25
12/16	14/16	12x1,5	12	23	50	25
12/16	14/16	14x1,5	12	23	50	25
12/16	14/16	16x1,5	12	23	50	25
12/16	14/16	18x1,5	12	23	50	25
14/18	16/18	18x1,5	12	25	55	30
14/18	16/18	20x1,5	14	25	55	30
14/18	16/18	22x1,5	14	25	55	30
14/18	16/18	24x1,5	16	25	55	30
16/20	18/20	20x1,5	14	25	57	30
16/20	18/20	22x1,5	14	25	57	30

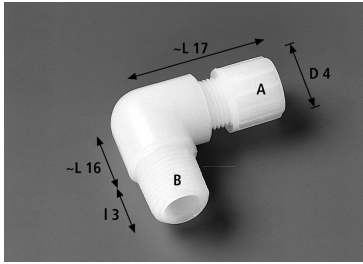
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**Elbow connector for flexible tube (Series 1C)
with male M-thread**

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	A(DN)	B(M)	l2	L16	~L17	ØD4
16/20	18/20	24x1,5	16	25	57	30

Elbow connector for flexible tube (Series 1C)
with male NPT-thread



Article-Nr	Connection A	Connection B	Material
1C200MN0314PF	DN1/8"/1/4"	NPT1/4"	PFA
1C200MN0314PP	DN1/8"/1/4"	NPT1/4"	PP
1C200MN0318PF	DN1/8"/1/4"	NPT1/8"	PFA
1C200MN0512PF	DN1/6"/1/4"	NPT1/2"	PFA
1C200MN0514PF	DN1/6"/1/4"	NPT1/4"	PFA
1C200MN0514PP	DN1/6"/1/4"	NPT1/4"	PP
1C200MN0514PV	DN1/6"/1/4"	NPT1/4"	PVDF
1C200MN0518PF	DN1/6"/1/4"	NPT1/8"	PFA
1C200MN0518PV	DN1/6"/1/4"	NPT1/8"	PVDF
1C200MN0538PV	DN1/6"/1/4"	NPT3/8"	PVDF
1C200MN1112PP	DN1/4"/3/8"	NPT1/2"	PP
1C200MN1114PP	DN1/4"/3/8"	NPT1/4"	PP
1C200MN1512PF	DN3/8"/1/2"	NPT1/2"	PFA
1C200MN1512PV	DN3/8"/1/2"	NPT1/2"	PVDF
1C200MN1514PF	DN3/8"/1/2"	NPT1/4"	PFA
1C200MN1538PF	DN3/8"/1/2"	NPT3/8"	PFA
1C200MN2034PP	DN5/8"/3/4"	NPT3/4"	PP
1C200MN4012PF	DN04/06	NPT1/2"	PFA
1C200MN4012PP	DN04/06	NPT1/2"	PP
1C200MN4014PF	DN04/06	NPT1/4"	PFA
1C200MN4014PN	DN04/06	NPT1/4"	PP-NATUR
1C200MN4014PP	DN04/06	NPT1/4"	PP
1C200MN4014PV	DN04/06	NPT1/4"	PVDF
1C200MN4018PF	DN04/06	NPT1/8"	PFA
1C200MN4018PN	DN04/06	NPT1/8"	PP-NATUR
1C200MN4018PP	DN04/06	NPT1/8"	PP
1C200MN4018PV	DN04/06	NPT1/8"	PVDF
1C200MN4038PF	DN04/06	NPT3/8"	PFA
1C200MN4038PP	DN04/06	NPT3/8"	PP
1C200MN4038PV	DN04/06	NPT3/8"	PVDF
1C200MN4312PF	DN06/08	NPT1/2"	PFA
1C200MN4312PP	DN06/08	NPT1/2"	PP
1C200MN4314PF	DN06/08	NPT1/4"	PFA
1C200MN4314PN	DN06/08	NPT1/4"	PP-NATUR
1C200MN4314PP	DN06/08	NPT1/4"	PP
1C200MN4314PV	DN06/08	NPT1/4"	PVDF
1C200MN4318PF	DN06/08	NPT1/8"	PFA
1C200MN4318PP	DN06/08	NPT1/8"	PP
1C200MN4318PV	DN06/08	NPT1/8"	PVDF
1C200MN4338PF	DN06/08	NPT3/8"	PFA
1C200MN4338PP	DN06/08	NPT3/8"	PP
1C200MN4338PV	DN06/08	NPT3/8"	PVDF
1C200MN4414PF	DN06/10	NPT1/4"	PFA
1C200MN4512PF	DN08/10	NPT1/2"	PFA
1C200MN4512PP	DN08/10	NPT1/2"	PP
1C200MN4514PF	DN08/10	NPT1/4"	PFA
1C200MN4514PN	DN08/10	NPT1/4"	PP-NATUR
1C200MN4514PP	DN08/10	NPT1/4"	PP
1C200MN4514PPEL	DN08/10	NPT1/4"	PP-EL
1C200MN4518PF	DN08/10	NPT1/8"	PFA
1C200MN4518PP	DN08/10	NPT1/8"	PP
1C200MN4538PF	DN08/10	NPT3/8"	PFA
1C200MN4538PP	DN08/10	NPT3/8"	PP
1C200MN4538PV	DN08/10	NPT3/8"	PVDF
1C200MN4638PF	DN08/12	NPT3/8"	PFA
1C200MN4638PV	DN08/12	NPT3/8"	PVDF
1C200MN4712PF	DN09/12	NPT1/2"	PFA
1C200MN4812PF	DN10/12	NPT1/2"	PFA
1C200MN4812PP	DN10/12	NPT1/2"	PP
1C200MN4812PV	DN10/12	NPT1/2"	PVDF
1C200MN4814PF	DN10/12	NPT1/4"	PFA
1C200MN4814PV	DN10/12	NPT1/4"	PVDF

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Elbow connector for flexible tube (Series 1C)
with male NPT-thread

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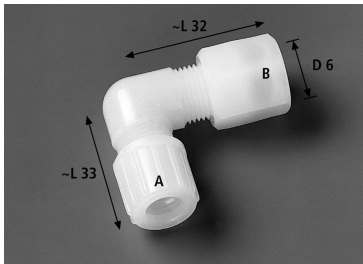
Article-Nr	Connection A	Connection B	Material
1C200MN4834PF	DN10/12	NPT3/4"	PFA
1C200MN4838PV	DN10/12	NPT3/8"	PVDF
1C200MN5112PP	DN12/14	NPT1/2"	PP
1C200MN5312PP	DN14/16	NPT1/2"	PP
1C200MN5734PV	DN18/20	NPT3/4"	PVDF
1C200MN7714PV	DN06/09	NPT1/4"	PVDF

Dimensions 1A200MN... , 1C200MN...

A(DN)		B(NPT)	I3	L16	~L17*	ØD4
4/6		1/8"	10	12	25	13
		1/6"/1/4"				
4/6		1/4"	15	13	26	15
		1/6"/1/4"				
4/6		3/8"	15.3	15	29	20
		1/6"/1/4"				
4/6		1/2"	20	15	32	25
		1/6"/1/4"				
5/8	6/8	1/8"	10	15	30	15
5/8	6/8	1/4"	15	15	30	15
5/8	6/8	3/8"	15.3	15	33	20
5/8	6/8	1/2"	20	15	36	25
6/9		1/8"	10			
6/9		1/4"	15			
6/9		3/8"	15.3			
6/9		1/2"	20			
6/10	8/10	1/8"	10	17	36	20
		1/4"/3/8"				
6/10	8/10	1/4"	15	17	36	20
		1/4"/3/8"				
6/10	8/10	3/8"	15.3	17	36	20
		1/4"/3/8"				
6/10	8/10	1/2"	20	17	39	25
		1/4"/3/8"				
8/12	9/12 10/12	1/4"	15	19	40	20
		3/8"/1/2"				
8/12	9/12 10/12	3/8"	15.3	19	40	20
		3/8"/1/2"				
8/12	9/12 10/12	1/2"	20	21	40	25
		3/8"/1/2"				
8/12	9/12 10/12	3/4"	20	25	43	30
		3/8"/1/2"				
10/14	12/14	1/4"	15	21	48	25
10/14	12/14	3/8"	15.3	21	48	25
10/14	12/14	1/2"	20	21	48	25
10/14	12/14	3/4"	20	25	50	30
12/16	14/16	3/8"	15.3	23	50	25
12/16	14/16	1/2"	20	23	50	25
12/16	14/16	3/4"	20	25	52	30
14/18	16/18	1/2"	20	25	55	30
14/18	16/18	3/4"	20	25	55	30
		1/4"	15	25	57	30
		5/8"/3/4"				
		3/8"	15.3	25	57	30
		5/8"/3/4"				
16/20	18/20	1/2"	20	25	57	30
		5/8"/3/4"				
16/20	18/20	3/4"	20	25	57	30
		5/8"/3/4"				

Elbow connector for flexible tube (Series 1C) with connection for pipe (Series 2N)

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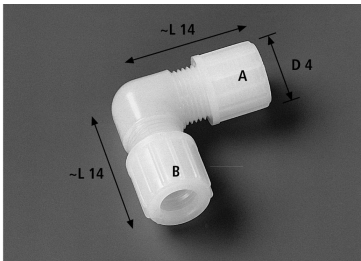


Article-Nr	Connection A	Connection B	Material
1C200P0305PF	DN1/8"/1/4"	D1/4"	PFA
1C200P0603PF	DN1/6"/1/4"	D1/8"	PFA
1C200P4038PF	DN04/06	D04	PFA
1C200P4043PF	DN04/06	D08	PFA
1C200P4045PF	DN04/06	D10	PFA
1C200P4048PF	DN04/06	D12	PFA
1C200P40PF	DN04/06	D06	PFA
1C200P40PV	DN04/06	D06	PVDF
1C200P43PF	DN06/08	D08	PFA
1C200P45PF	DN08/10	D10	PFA
1C200P45PP	DN08/10	D10	PP
1C200P46PP	DN8/12	D12	PP
1C200P57PV	DN18/20	D20	PVDF

Dimensions 1A200P... , 1C200P...

A(DN)			B(D)		~L32	~L33*	ØD6
4/6		1/6"- 1/4"	6	1/4"	39	26	15
5/8	6/8		8		40	30	15
6/9							
6/10	8/10	1/4"- 3/8"	10	3/8"	45	36	20
8/12	9/12 10/12	3/8"- 1/2"	12	1/2"	49	43	20
10/14	12/14		14				
12/16	14/16		16				
14/18	16/18		18	3/4"	59	55	30
16/20	18/20	5/8"- 3/4"	20				

Elbow union for flexible tube (Series 1C)



Article-Nr	Connection A	Connection B	Material
1C200T05PF	DN1/6"/1/4"	DN1/6"/1/4"	PFA
1C200T05PP	DN1/6"/1/4"	DN1/6"/1/4"	PP
1C200T06PF	DN3/16"	DN1/4"	PFA
1C200T1105PV	DN1/4"/3/8"	DN1/6"/1/4"	PVDF
1C200T11PF	DN1/4"/3/8"	DN1/4"/3/8"	PFA
1C200T11PV	DN1/4"/3/8"	DN1/4"/3/8"	PVDF
1C200T15PF	DN3/8"/1/2"	DN3/8"/1/2"	PFA
1C200T15PV	DN3/8"/1/2"	DN3/8"/1/2"	PVDF
1C200T4003PV	DN04/06	DN1/8"/1/4"	PVDF
1C200T40PF	DN04/06	DN04/06	PFA
1C200T40PP	DN04/06	DN04/06	PP
1C200T40PV	DN04/06	DN04/06	PVDF
1C200T42PF	DN05/08	DN05/08	PFA
1C200T42PP	DN05/08	DN05/08	PP
1C200T42PV	DN05/08	DN05/08	PVDF
1C200T4340PF	DN06/08	DN04/06	PFA
1C200T4340PV	DN06/08	DN04/06	PVDF
1C200T43PF	DN06/08	DN06/08	PFA
1C200T43PN	DN06/08	DN06/08	PP-NATUR
1C200T43PP	DN06/08	DN06/08	PP
1C200T43PV	DN06/08	DN06/08	PVDF
1C200T44PF	DN06/10	DN06/10	PFA
1C200T44PP	DN06/10	DN06/10	PP
1C200T4540PF	DN08/10	DN04/06	PFA
1C200T4543PF	DN08/10	DN06/08	PFA
1C200T45PF	DN08/10	DN08/10	PFA
1C200T45PN	DN08/10	DN08/10	PP-NATUR
1C200T45PP	DN08/10	DN08/10	PP
1C200T45PV	DN08/10	DN08/10	PVDF
1C200T4640PF	DN08/12	DN04/06	PFA
1C200T4643PF	DN08/12	DN06/08	PFA
1C200T4643PV	DN08/12	DN06/08	PVDF
1C200T46PF	DN08/12	DN08/12	PFA
1C200T46PP	DN08/12	DN08/12	PP
1C200T46PV	DN08/12	DN08/12	PVDF
1C200T47PP	DN09/12	DN09/12	PP
1C200T47PV	DN09/12	DN09/12	PVDF
1C200T4840PF	DN10/12	DN04/06	PFA
1C200T4843PF	DN10/12	DN06/08	PFA
1C200T4843PP	DN10/12	DN06/08	PP
1C200T4845PF	DN10/12	DN08/10	PFA
1C200T48PF	DN10/12	DN10/12	PFA
1C200T48PP	DN10/12	DN10/12	PP
1C200T48PV	DN10/12	DN10/12	PVDF
1C200T49PF	DN10/14	DN10/14	PFA
1C200T51PF	DN12/14	DN12/14	PFA
1C200T51PP	DN12/14	DN12/14	PP
1C200T53PF	DN14/16	DN14/16	PFA
1C200T57PV	DN18/20	DN18/20	PVDF
1C200T77PP	DN06/09	DN06/09	PP
1C200T77PV	DN06/09	DN06/09	PVDF

Dimensions 1A200T... , 1C200T...

	A-B(DN)		~L14*	ØD4
4/6		1/6"-1/4"	25	13
5/8**	6/8		30	15
6/9				
6/10	8/10	1/4"-3/8"	36	20
8/12	9/12	10/12	43	20
10/14	12/14		48	25
12/16	14/16		50	25

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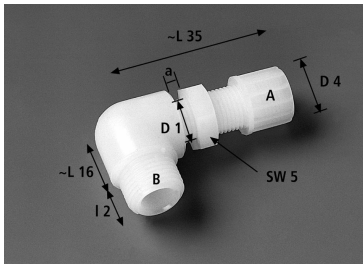
Elbow union for flexible tube (Series 1C)

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	A-B(DN)		~L14*	ØD4
14/18	16/18		55	30
16/20	18/20	5/8"-3/4"	57	30

Elbow bulkhead connector for flexible tube (Series 1C) with male G-thread

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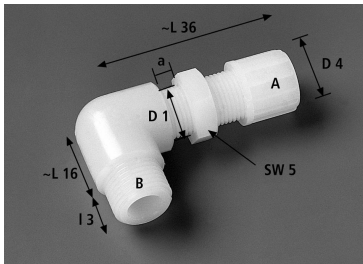
Article-Nr	Connection A	Connection B	Material
1C201MG4018PF	DN04/06	G1/8"	PFA
1C201MG4512PF	DN08/10	G1/2"	PFA
1C201MG4538PF	DN08/10	G3/8"	PFA
1C201MG4812PP	DN10/12	G1/2"	PP

Dimensions 1A201MG... , 1C201MG...

A(DN)		B(G)	L2	L16	~L35*	SW5	ØD1	ØD4	a
4/6		1/8"	8	12	43	14	10.5	13	9
		1/6"/1/4"							
4/6		1/4"	12	13	43	14	10.5	15	9
		1/6"/1/2"							
4/6		3/8"	12	15	43	14	10.5	20	9
		1/6"/1/4"							
4/6		1/2"	14	15	46	14	10.5	25	9
		1/6"/1/2"							
5/8	6/8	1/8"	8	15	53	19	14.5	20	9
5/8	6/8	1/4"	12	15	53	19	14.5	20	9
5/8	6/8	3/8"	12	15	53	19	14.5	20	9
5/8	6/8	1/2"	14	15	53	19	14.5	25	9
6/9		1/8"	8				16.5		
6/9		1/4"	12				16.5		
6/9		3/8"	12				16.5		
6/9		1/2"	14				16.5		
6/10	8/10	1/8"	8	17	58	22	16.5	20	10
		1/4"/3/8"							
6/10	8/10	1/4"	12	17	58	22	16.5	20	10
		1/4"/3/4"							
6/10	8/10	3/8"	12	17	58	22	16.5	20	10
		1/4"/3/8"							
6/10	8/10	1/2"	14	17	58	22	16.5	25	10
		1/4"/3/4"							
8/12	9/12	1/4"	12	19	67	24	18.5	25	12
	10/12	3/8"/1/2"							
8/12	9/12	3/8"	12	19	67	24	18.5	25	12
	10/12	3/8"/1/2"							
8/12	9/12	1/2"	14	19	67	24	18.5	25	12
	10/12	3/8"/1/2"							
8/12	9/12	3/4"	16	19	67	24	18.5	30	12
	10/12	3/8"/1/2"							
10/14	12/14	1/4"	12	21	73	27	20.5	25	14
		3/8"	12	21	73	27	20.5	25	14
10/14	12/14	1/2"	14	21	73	27	20.5	25	14
		3/4"	16	21	75	27	20.5	30	14
12/16	14/16	3/8"	12	23	78	27	22.5	25	16
		1/2"	14	23	78	27	22.5	25	16
12/16	14/16	3/4"	16	23	80	27	22.5	30	16
14/18	16/18	1/2"	14	25	83	30	24.5	30	16
14/18	16/18	3/4"	16	25	83	30	24.5	30	16
		1/4"	12	25	87	32	26.5	30	18
		5/8"/3/4"							
		3/8"	12	25	87	32	26.5	30	18
		5/8"/3/4"							
16/20	18/20	1/2"	14	25	87	32	26.5	30	18
		5/8"/3/4"							
16/20	18/20	3/4"	16	25	87	32	26.5	30	18
		5/8"/3/4"							

Elbow bulkhead connector for flexible tube (Series 1C) with male NPT-thread

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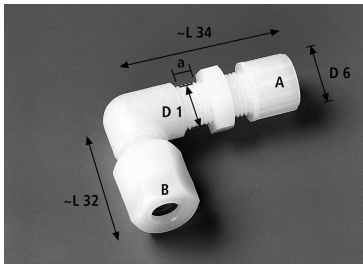


Article-Nr	Connection A	Connection B	Material
1C201MN4314PF	DN06/08	NPT1/4"	PFA
1C201MN4514PF	DN06/08	NPT1/4"	PFA

Dimensions 1A201MN. . . , 1C201MN. . .

		A(DN)	B(NPT)	I3	L16	~L36*	SW5	ØD1	ØD4	a
4/6			1/8"	10	12	43	14	10.5	13	9
			1/6"/1/4"							
4/6			1/4"	15	13	43	14	10.5	15	9
			1/6"/1/2"							
4/6			3/8"	15.3	15	43	14	10.5	20	9
			1/6"/1/4"							
4/6			1/2"	20	15	46	14	10.5	25	9
			1/6"/1/2"							
5/8	6/8		1/8"	10	15	53	19	14.5	20	9
5/8	6/8		1/4"	15	15	53	19	14.5	20	9
5/8	6/8		3/8"	15.3	15	53	19	14.5	20	9
5/8	6/8		1/2"	20	15	53	19	14.5	25	9
6/9			1/8"	10				16.5		
6/9			1/4"	15				16.5		
6/9			3/8"	15.3				16.5		
6/9			1/2"	20				16.5		
6/10	8/10		1/8"	10	17	58	22	16.5	20	10
			1/4"/3/8"							
6/10	8/10		1/4"	15	17	58	22	16.5	20	10
			1/4"/3/2"							
6/10	8/10		3/8"	15.3	17	58	22	16.5	20	10
			1/4"/3/8"							
6/10	8/10		1/2"	20	17	58	22	16.5	25	10
			1/4"/3/2"							
8/12	9/12		1/4"	15	19	67	24	18.5	25	12
		10/12	3/8"/1/2"							
8/12	9/12		3/8"	15.3	19	67	24	18.5	25	12
		10/12	3/8"/1/2"							
8/12	9/12		1/2"	20	19	67	24	18.5	25	12
		10/12	3/8"/1/2"							
8/12	9/12		3/4"	20	19	67	24	18.5	30	12
		10/12	3/8"/1/2"							
10/14			1/4"	15	21	73	27	20.5	25	14
	12/14									
10/14			3/8"	15.3	21	73	27	20.5	25	14
	12/14									
10/14			1/2"	20	21	73	27	20.5	25	14
	12/14									
10/14			3/4"	20	25	75	27	20.5	30	14
	12/14									
12/16			3/8"	15.3	23	78	27	22.5	25	16
	14/16									
12/16			1/2"	20	23	78	27	22.5	25	16
	14/16									
12/16			3/4"	20	25	80	27	22.5	30	16
	14/16									
14/18			1/2"	20	25	83	30	24.5	30	16
	16/18									
14/18			3/4"	20	25	83	30	24.5	30	16
	16/18									
			1/4"	15	25	87	32	26.5	30	18
			5/8"/3/2"							
			3/8"	15.3	25	87	32	26.5	30	18
			5/8"/3/4"							
16/20			1/2"	20	25	87	32	26.5	30	18
	18/20		5/8"/3/2"							
16/20			3/4"	20	25	87	32	26.5	30	18
	18/20		5/8"/3/4"							

Elbow bulkhead union for flexible tube (Series 1C) with connection for pipe (Series 2N)



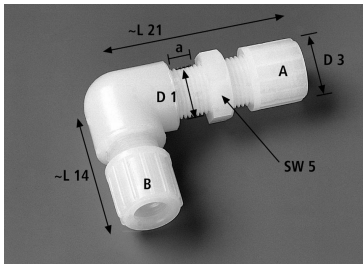
Article-Nr	Connection A	Connection B	Material
1C201P40PF	DN04/06	D06	PFA

Dimensions 1A201P . . . , 1C201P . . .

A(DN)		B(D)		~L34*	~L32	ØD1	ØD6	SW5	a
4/6	1/6"- 1/4"	6	1/4"	46	36	10.5	15	14	9
5/8	6/8	8		53	39	14.5	20	19	9
6/9		10				16.5			
6/10	8/10	10	3/8"	58	42	16.5	20	22	10
8/12	9/12	12	1/2"	63	45	18.5	20	24	12
	10/12								
10/14		14		73	48	20.5	25	27	14
	12/14								
12/16		16		78	48	22.5	25	27	16
	14/16								
14/18		18		83	56	24.5	30	30	16
	16/18								
16/20		20	3/4"	87	56	26.5	30	32	18
	18/20		5/8"- 3/4"						

Elbow bulkhead union for flexible tube on both ends (Series 1C)

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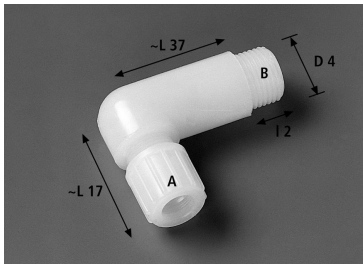


Article-Nr	Connection A	Connection B	Material
1C201T03PP	DN1/8"/1/4"	DN1/8"/1/4"	PP
1C201T11PP	DN1/4"/3/8"	DN1/4"/3/8"	PP
1C201T40PF	DN04/06	DN04/06	PFA
1C201T40PP	DN04/06	DN04/06	PP
1C201T40PV	DN04/06	DN04/06	PVDF
1C201T4340PV	DN06/08	DN04/06	PVDF
1C201T43PF	DN06/08	DN06/08	PFA
1C201T43PP	DN06/08	DN06/08	PP
1C201T43PV	DN06/08	DN06/08	PVDF
1C201T4540PF	DN08/10	DN04/06	PFA
1C201T45PF	DN08/10	DN08/10	PFA
1C201T46PV	DN08/12	DN08/12	PVDF
1C201T47PF	DN09/12	DN09/12	PFA
1C201T48PF	DN10/12	DN10/12	PFA
1C201T48PV	DN10/12	DN10/12	PVDF

Dimensions 1A201T... , 1C201T...

A-B(DN)		~L14	~L21	ØD3	ØD1	SW5	a
4/6	1/6"- 1/4"	25	43	13	10.5	14	9
5/8**	6/8	33	53	20	14.5	19	9
6/9					16.5		
6/10	8/10	1/4"- 3/8"	36	58	20	22	10
8/12	9/12 10/12	3/8"- 1/2"	43	67	20	24	12
10/14	12/14		48	75	25	27	14
12/16	14/16		50	80	25	27	16
14/18	16/18		55		30	30	16
16/20	18/20	5/8"- 3/4"	57	93	30	32	18

Elbow connector for flexible tube (Series 1C)
with male G-thread (long model)



Article-Nr	Connection A	Connection B	Material
1C210MG4014PF	DN04/06	G1/4"	PFA
1C210MG4014PP	DN04/06	G1/4"	PP
1C210MG4018PF	DN04/06	G1/8"	PFA
1C210MG4018PFFP	DN04/06	G1/8"	PFA/FPM
1C210MG4038PF	DN04/06	G3/8"	PFA
1C210MG4312PN	DN06/08	G1/2"	PP-NATUR
1C210MG4312PP	DN06/08	G1/2"	PP
1C210MG4314PF	DN06/08	G1/4"	PFA
1C210MG4314PV	DN06/08	G1/4"	PVDF
1C210MG4338PN	DN06/08	G3/8"	PP-NATUR
1C210MG4338PP	DN06/08	G3/8"	PP
1C210MG4514PP	DN08/10	G1/4"	PP
1C210MG4612PF	DN08/12	G1/2"	PFA
1C210MG4812PF	DN10/12	G1/2"	PFA
1C210MG5212PF	DN12/16	G1/2"	PFA

Dimensions 1A210MG . . . , 1C210MG . . .

A(DN)		B(G)	l2	L37	~L17*	ØD4
4/6		1/6"/1/4"	10	29	25	13
4/6		1/4"	15	29	26	15
4/6		3/8"	15	34	29	20
4/6		1/2"	16	42	32	25
5/8	6/8	1/8"	10	29	30	15
5/8	6/8	1/4"	15	29	30	15
5/8	6/8	3/8"	15	34	33	20
5/8	6/8	1/2"	16	42	36	25
6/9		1/8"	10			
6/9		1/4"	15			
6/9		3/8"	15			
6/9		1/2"	16			
6/10	8/10	1/8"	10	37	36	20
6/10	8/10	1/4"/3/8"	15	37	36	20
6/10	8/10	1/4"/3/8"	15	37	36	20
6/10	8/10	3/8"	15	37	36	20
6/10	8/10	1/2"	16	42	39	25
8/12	9/12 10/12	1/4"	15	41	40	20
8/12	9/12 10/12	3/8"/1/2"	15	41	40	20
8/12	9/12 10/12	3/8"/1/2"	16	45	40	25
8/12	9/12 10/12	3/8"/1/2"	20		43	30
10/14	12/14	1/4"	15	45	48	25
10/14	12/14	3/8"	15	45	48	25
10/14	12/14	1/2"	16	45	48	25
10/14	12/14	3/4"	20		50	30
12/16	14/16	3/8"	15		50	25
12/16	14/16	1/2"	16	45	50	25
12/16	14/16	3/4"	20		52	30
14/18	16/18	1/2"	16		55	30
14/18	16/18	3/4"	20		55	30
		1/4"	15		57	30
		5/8"/3/4"	15		57	30
		3/8"	15		57	30
16/20	18/20	1/2"	16	45	57	30
		5/8"/3/4"	16	45	57	30

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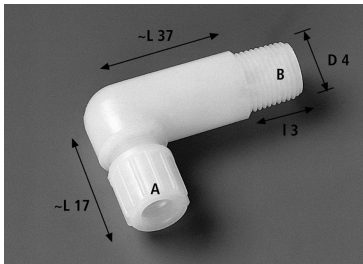
**Elbow connector for flexible tube (Series 1C)
with male G-thread (long model)**

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	A(DN)		B(G)	l2	L37	~L17*	ØD4
16/20	18/20		3/4"	20		57	30
		5/8"/3/4"					

Elbow connector for flexible tube (Series 1C) with male NPT-thread (long model)

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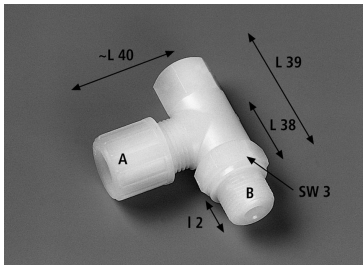
Article-Nr	Connection A	Connection B	Material
1C210MN0414PF	DN5/32"/1/4"	NPT1/4"	PFA
1C210MN4014PV	DN04/06	NPT1/4"	PVDF
1C210MN4314PV	DN06/08	NPT1/4"	PVDF

Dimensions 1A210MN. . . , 1C210MN. . .

A(DN)		B(NPT)		I3	L37	~L17*	ØD4
4/6		1/6"/1/4"	1/8"	11.6	29	25	13
4/6		1/6"/1/4"	1/4"	16.4	29	26	15
4/6		1/6"/1/4"	3/8"	17.4	34	29	20
4/6		1/6"/1/4"	1/2"	22.6	42	32	25
5/8	6/8		1/8"	11.6	29	30	15
5/8	6/8		1/4"	16.4	29	30	15
5/8	6/8		3/8"	17.4	34	33	20
5/8	6/8		1/2"	22.6	42	36	25
6/9			1/8"	11.6			
6/9			1/4"	16.4			
6/9			3/8"	17.4			
6/9			1/2"	22.6			
6/10	8/10		1/8"	11.6	37	36	20
		1/4"/3/8"					
6/10	8/10		1/4"	16.4	37	36	20
		1/4"/3/8"					
6/10	8/10		3/8"	17.4	37	36	20
		1/4"/3/8"					
6/10	8/10		1/2"	22.6	42	39	25
		1/4"/3/8"					
8/12	9/12	10/12	1/4"	16.4	41	40	20
		3/8"/1/2"					
8/12	9/12	10/12	3/8"	17.4	41	40	20
		3/8"/1/2"					
8/12	9/12	10/12	1/2"	22.6	45	40	25
		3/8"/1/2"					
8/12	9/12	10/12	3/4"	23.1		43	30
		3/8"/1/2"					
10/14	12/14		1/4"	16.4	45	48	25
10/14	12/14		3/8"	17.4	45	48	25
10/14	12/14		1/2"	22.6	45	48	25
10/14	12/14		3/4"	23.1		50	30
12/16	14/16		3/8"	17.4		50	25
12/16	14/16		1/2"	22.6	45	50	25
12/16	14/16		3/4"	23.1		52	30
14/18	16/18		1/2"	22.6		55	30
14/18	16/18		3/4"	23.1		55	30
			1/4"	16.4		57	30
		5/8"/3/4"					
			3/8"	17.4		57	30
		5/8"/3/4"					
16/20	18/20		1/2"	22.6	45	57	30
		5/8"/3/4"					
16/20	18/20		3/4"	23.1		57	30
		5/8"/3/4"					

Elbow swivel connector for flexible tube (Series 1C) with male G-thread

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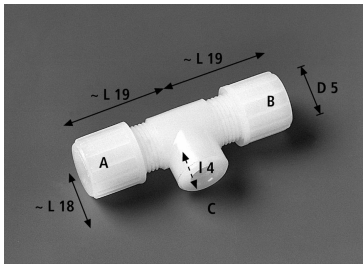


Article-Nr	Connection A	Connection B	Material
1C250MG4014PPEP	DN04/06	G1/4"	PP/EPDM
1C250MG4018PPEP	DN04/06	G1/8"	PP/EPDM

Dimensions 1A250MG . . . , 1C250MG . . .

A(DN)		B(G)	I2	L38	L39	~L40	SW3	
4/6		1/8"	8	19.5	41.5	29	17	
4/6		1/4"	12	20	42	29	17	
4/6		3/8"	12	20.5	42.5	29	22	
4/6		1/2"	14	23	45	29	27	
5/8	6/8	1/8"	8	19.5	41.5	33	17	
5/8	6/8	1/4"	12	20	42	33	17	
5/8	6/8	3/8"	12	20.5	42.5	33	22	
5/8	6/8	1/2"	14	23	45	33	27	
6/10	8/10	1/4"	12	20	42	36	17	
6/10	8/10	3/8"	12	20.5	42.5	36	22	
6/10	8/10	1/2"	14	23	45	36	27	
8/12	9/12	10/12	1/4"	12	20	42	40	17
8/12	9/12	10/12	3/8"	12	20.5	42.5	40	22
8/12	9/12	10/12	1/2"	14	23	45	40	27
10/14	12/14		3/8"	12	20.5	45.5	48	24
10/14	12/14		1/2"	14	23	48	27	

T-connector for flexible tube (Series 1C) with female G-thread



Article-Nr	Connection A	Connection B	Connection C	Material
1C300FG1514PF	DN3/8"/1/2"	DN3/8"/1/2"	G1/4"	PFA
1C300FG4012PV	DN04/06	DN04/06	G1/2"	PVDF
1C300FG4014PF	DN04/06	DN04/06	G1/4"	PFA
1C300FG4018PF	DN04/06	DN04/06	G1/8"	PFA
1C300FG4018PP	DN04/06	DN04/06	G1/8"	PP
1C300FG4312PP	DN06/08	DN06/08	G1/2"	PP
1C300FG4314PF	DN06/08	DN06/08	G1/4"	PFA
1C300FG4314PV	DN06/08	DN06/08	G1/4"	PVDF
1C300FG4318PV	DN06/08	DN06/08	G1/8"	PVDF
1C300FG4338PN	DN06/08	DN06/08	G3/8"	PP-NATUR
1C300FG4338PP	DN06/08	DN06/08	G3/8"	PP
1C300FG4512PP	DN08/10	DN08/10	G1/2"	PP
1C300FG4512PV	DN08/10	DN08/10	G1/2"	PVDF
1C300FG4514PF	DN08/10	DN08/10	G1/4"	PFA
1C300FG4514PV	DN08/10	DN08/10	G1/4"	PVDF
1C300FG4714PF	DN09/12	DN09/12	G1/4"	PFA
1C300FG4812PV	DN10/12	DN10/12	G1/2"	PVDF
1C300FG4814PV	DN10/12	DN10/12	G1/4"	PVDF

Dimensions 1A300FG... , 1C300FG...

			A-B(DN)	C(G)	l4	L18	~L19*	ØD5
4/6				1/8"	10	17	26	15
			1/6"/1/4"					
4/6				1/4"	15	20	29	20
			1/6"/1/4"					
4/6				3/8"	15	20	32	25
			1/6"/1/4"					
4/6				1/2"	16	23	34	30
			1/6"/1/4"					
5/8	6/8			1/8"	10	17	30	15
5/8	6/8			1/4"	15	20	33	20
5/8	6/8			3/8"	15	20	36	25
5/8	6/8			1/2"	16	23	38	30
6/9				1/8"	10			
6/9				1/4"	15			
6/9				3/8"	15			
6/9				1/2"	16			
6/10	8/10			1/8"	10	17	36	20
			1/4"/3/8"					
6/10	8/10			1/4"	15	20	36	20
			1/4"/3/8"					
6/10	8/10			3/8"	15	20	39	25
			1/4"/3/8"					
6/10	8/10			1/2"	16	23	41	30
			1/4"/3/8"					
8/12	9/12	10/12		1/4"	15	20	40	20
			3/8"/1/2"					
8/12	9/12	10/12		3/8"	15	20	43	25
			3/8"/1/2"					
8/12	9/12	10/12		1/2"	16	23	45	30
			3/8"/1/2"					
8/12	9/12	10/12		3/4"	20	37	56	45
			3/8"/1/2"					
10/14	12/14			1/4"	15	23	48	25
10/14	12/14			3/8"	15	25	48	25
10/14	12/14			1/2"	16	25	50	30
10/14	12/14			3/4"	20	37	61	45
12/16	14/16			3/8"	15	25	52	30
12/16	14/16			1/2"	16	25	52	30
12/16	14/16			3/4"	20	37	63	45
14/18	16/18			1/2"	16	25	55	30
14/18	16/18			3/4"	20	37	66	45
				1/4"	15	25	57	30
			5/8"/3/4"					

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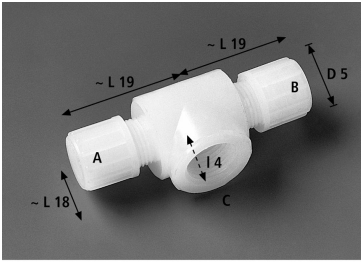
T-connector for flexible tube (Series 1C) with female G-thread

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A-B(DN)		C(G)	I4	L18	~L19*	ØD5	
		5/8"/3/4"	3/8"	15	25	57	30
16/20	18/20	5/8"/3/4"	1/2"	16	28	57	30
16/20	18/20	5/8"/3/4"	3/4"	20	37	68	45

T-connector for flexible tube (Series 1C) with female M-thread

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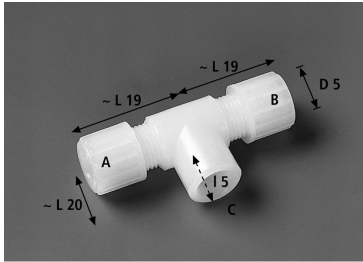
Article-Nr	Connection A	Connection B	Connection C	Material
1C300FM4011PP	DN04/06	DN04/06	M10x1	PP
1C300FM4311PP	DN06/08	DN06/08	M10x1	PP

Dimensions 1A300FM... , 1C300FM...

A-B(DN)		C(M)	l4	L18	~L19	ØD5
4/6		10x1	10	17	26	15
4/6		10x1,5	10	17	26	15
4/6		12x1,5	15	20	29	20
4/6		14x1,5	15	20	29	20
4/6		16x1,5	15.5	20	32	25
4/6		18x1,5	16.5	20	32	25
5/8	6/8	10x1	10	17	30	15
5/8	6/8	10x1,5	10	17	30	15
5/8	6/8	12x1,5	15	20	33	20
5/8	6/8	14x1,5	15	20	33	20
5/8	6/8	16x1,5	15.5	20	36	25
5/8	6/8	18x1,5	16.5	20	36	25
6/9		10x1	10			
6/9		10x1,5	10			
6/9		12x1,5	15			
6/9		14x1,5	15			
6/9		16x1,5	15.5			
6/9		18x1,5	16.5			
6/10	8/10	10x1	10	17	36	20
6/10	8/10	10x1,5	10	17	36	20
6/10	8/10	12x1,5	15	20	36	20
6/10	8/10	14x1,5	15	20	36	20
6/10	8/10	16x1,5	15.5	20	39	25
6/10	8/10	18x1,5	16.5	20	39	25
8/12	9/12 10/12	12x1,5	15	20	40	20
8/12	9/12 10/12	14x1,5	15	20	40	20
8/12	9/12 10/12	16x1,5	15.5	20	43	25
8/12	9/12 10/12	18x1,5	16.5	20	43	25
10/14	12/14	12x1,5	15	23	48	25
10/14	12/14	14x1,5	15	23	48	25
10/14	12/14	16x1,5	15.5	25	48	25
10/14	12/14	18x1,5	16.5	25	48	25

T-connector for flexible tube (Series 1C) with female NPT-thread

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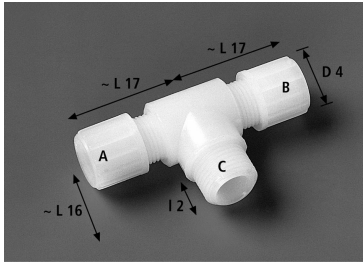


Article-Nr	Connection A	Connection B	Connection C	Material
1C300FN0538PV	DN1/6"/1/4"	DN1/6"/1/4"	NPT3/8"	PVDF
1C300FN1114PF	DN1/4"/3/8"	DN1/4"/3/8"	NPT1/4"	PFA
1C300FN4014PF	DN04/06	DN04/06	NPT1/4"	PFA
1C300FN4312PF	DN06/08	DN06/08	NPT1/2"	PFA
1C300FN4714PV	DN09/12	DN09/12	NPT1/4"	PVDF
1C300FN4814PF	DN10/12	DN10/12	NPT1/4"	PFA

Dimensions 1A300FN...1C300FN...

	A-B(DN)	C(NPT)	I5	~L19*	L20	ØD5
4/6		1/6"/1/4"	1/8"	11.6	26	20
4/6		1/6"/1/4"	1/4"	16.4	29	24
4/6		1/6"/1/4"	3/8"	17.4	32	26
4/6		1/6"/1/4"	1/2"	22.6	34	28
5/8	6/8	1/8"	11.6	30	20	15
5/8	6/8	1/4"	16.4	33	24	20
5/8	6/8	3/8"	17.4	36	26	25
5/8	6/8	1/2"	22.6	38	28	30
6/9		1/8"	11.6			
6/9		1/4"	16.4			
6/9		3/8"	17.4			
6/9		1/2"	22.6			
6/10	8/10	1/8"	11.6	36	20	20
6/10	8/10	1/4"/3/8"	1/4"	16.4	36	24
6/10	8/10	1/4"/3/8"	3/8"	17.4	39	26
6/10	8/10	1/4"/3/8"	1/2"	22.6	41	32
8/12	9/12 10/12	1/4"	16.4	40	24	20
8/12	9/12 10/12	3/8"/1/2"	3/8"	17.4	43	26
8/12	9/12 10/12	3/8"/1/2"	1/2"	22.6	45	32
8/12	9/12 10/12	3/8"/1/2"	3/4"	23.1	53	45
10/14	12/14	1/4"	16.4	48	26	25
10/14	12/14	3/8"	17.4	48	26	25
10/14	12/14	1/2"	22.6	50	32	30
10/14	12/14	3/4"	23.1	58		45
12/16	14/16	3/8"	17.4	50	28	25
12/16	14/16	1/2"	22.6	52	34	30
12/16	14/16	3/4"	23.1	60		45
14/18	16/18	1/2"	22.6	55		30
14/18	16/18	3/4"	23.1	63		45
		5/8"/3/4"	1/4"	16.4	57	30
		5/8"/3/4"	3/8"	17.4	57	30
16/20	18/20	5/8"/3/4"	1/2"	22.6	57	30
16/20	18/20	5/8"/3/4"	3/4"	23.1	65	45

T-connector for flexible tube (Series 1C) with male G-thread



Article-Nr	Connection A	Connection B	Connection C	Material
1C300MG0314PFFK	DN1/8"/1/4"	DN1/8"/1/4"	G1/4"	PFA/FFKM
1C300MG0514PV	DN1/6"/1/4"	DN1/6"/1/4"	G1/4"	PVDF
1C300MG4012PF	DN04/06	DN04/06	G1/2"	PFA
1C300MG4014PF	DN04/06	DN04/06	G1/4"	PFA
1C300MG4014PP	DN04/06	DN04/06	G1/4"	PP
1C300MG4014PV	DN04/06	DN04/06	G1/4"	PVDF
1C300MG4018PF	DN04/06	DN04/06	G1/8"	PFA
1C300MG4018PFFP	DN04/06	DN04/06	G1/8"	PFA/FFPM
1C300MG4038PF	DN04/06	DN04/06	G3/8"	PFA
1C300MG4312PF	DN06/08	DN06/08	G1/2"	PFA
1C300MG4314PF	DN06/08	DN06/08	G1/4"	PFA
1C300MG4314PP	DN06/08	DN06/08	G1/4"	PP
1C300MG4314PV	DN06/08	DN06/08	G1/4"	PVDF
1C300MG4318PF	DN06/08	DN06/08	G1/8"	PFA
1C300MG4318PV	DN06/08	DN06/08	G1/8"	PVDF
1C300MG4338PF	DN06/08	DN06/08	G3/8"	PFA
1C300MG4338PP	DN06/08	DN06/08	G3/8"	PP
1C300MG4338PV	DN06/08	DN06/08	G3/8"	PVDF
1C300MG4412PF	DN06/10	DN06/10	G1/2"	PFA
1C300MG4414PP	DN06/10	DN06/10	G1/4"	PP
1C300MG4512PP	DN08/10	DN08/10	G1/2"	PP
1C300MG4514PF	DN08/10	DN08/10	G1/4"	PFA
1C300MG4514PV	DN08/10	DN08/10	G1/4"	PVDF
1C300MG4518PF	DN08/10	DN08/10	G1/8"	PFA
1C300MG4538PF	DN08/10	DN08/10	G3/8"	PFA
1C300MG4538PV	DN08/10	DN08/10	G3/8"	PVDF
1C300MG4714PF	DN09/12	DN09/12	G1/4"	PFA
1C300MG4812PF	DN10/12	DN10/12	G1/2"	PFA
1C300MG4812PV	DN10/12	DN10/12	G1/2"	PVDF
1C300MG4814PF	DN10/12	DN10/12	G1/4"	PFA
1C300MG4838PP	DN10/12	DN10/12	G3/8"	PP
1C300MG484012PV	DN10/12	DN04/06	G1/2"	PVDF
1C300MG4912PV	DN10/14	DN10/14	G1/2"	PVDF
1C300MG4938PV	DN10/14	DN10/14	G3/8"	PVDF
1C300MG5712PV	DN18/20	DN18/20	G1/2"	PVDF
1C300MG7712PP	DN06/09	DN06/09	G1/2"	PP
1C300MG7714PP	DN06/09	DN06/09	G1/4"	PP
1C300MG7714PV	DN06/09	DN06/09	G1/4"	PVDF
1C300MG7738PP	DN06/09	DN06/09	G3/8"	PP

Dimensions 1A300MG...1C300MG...

	A-B(DN)	C(G)	l2	L16	~L17*	ØD4
4/6		1/8"	8	20	26	12
	1/6"/1/4"					
4/6		1/4"	12	27	27	15
	1/6"/1/4"					
4/6		3/8"	12	27	29	20
	1/6"/1/4"					
4/6		1/2"	14	34	32	25
	1/6"/1/4"					
5/8	6/8	1/8"	8	20	31	15
5/8	6/8	1/4"	12	27	31	15
5/8	6/8	3/8"	12	27	33	20
5/8	6/8	1/2"	14	34	36	25
6/9		1/8"	8			
6/9		1/4"	12			
6/9		3/8"	12			
6/9		1/2"	14			
6/10	8/10	1/8"	8	26	36	20
		1/4"/3/8"				
6/10	8/10	1/4"	12	30	36	20
		1/4"/3/8"				

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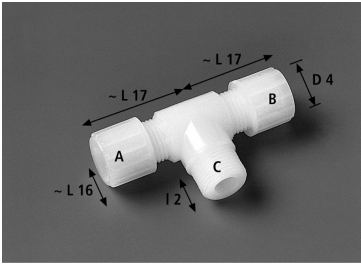
T-connector for flexible tube (Series 1C) with male G-thread

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		A-B(DN)		C(G)	I2	L16	~L17*	ØD4
6/10	8/10	1/4"/3/8"		3/8"	12	30	36	20
6/10	8/10	1/4"/3/8"		1/2"	14	34	39	25
8/12	9/12	10/12	3/8"/1/2"	1/8"	8	28	40	20
8/12	9/12	10/12	3/8"/1/2"	1/4"	12	32	40	20
8/12	9/12	10/12	3/8"/1/2"	3/8"	12	32	40	20
8/12	9/12	10/12	3/8"/1/2"	1/2"	14	34	43	25
8/12	9/12	10/12	3/8"/1/2"	3/4"	16	41	45	30
10/14	12/14			1/8"	8	30	48	25
10/14	12/14			1/4"	12	34	48	25
10/14	12/14			3/8"	12	34	48	25
10/14	12/14			1/2"	14	36	48	25
10/14	12/14			3/4"	16	41	50	30
12/16	14/16			1/4"	12	35	50	25
12/16	14/16			3/8"	12	35	50	25
12/16	14/16			1/2"	14	37	50	25
12/16	14/16			3/4"	16	41	52	30
14/18	16/18			1/4"	12	37	55	30
14/18	16/18			3/8"	12	37	55	30
14/18	16/18			1/2"	14	39	55	30
14/18	16/18			3/4"	16	41	55	30
16/20	18/20	5/8"/3/4"		1/4"	12	37	57	30
16/20	18/20	5/8"/3/4"		3/8"	12	37	57	30
16/20	18/20	5/8"/3/4"		1/2"	14	39	57	30
16/20	18/20	5/8"/3/4"		3/4"	16	41	57	30

T-connector for flexible tube (Series 1C) with male M-thread

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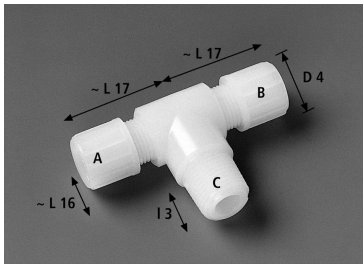


Article-Nr	Connection A	Connection B	Connection C	Material
1C300MM4011PP	DN04/06	DN04/06	M10x1	PP
1C300MM4311PP	DN06/08	DN06/08	M10x1	PP

Dimensions 1A300MM . . ., 1C300MM . . .

	A-B(DN)	C(M)	l2	L16	~L17	ØD4	
4/6		10x1	8	12	26	12	
4/6		10x1,5	8	12	26	12	
4/6		12x1,5	12	15	27	15	
4/6		14x1,5	12	15	27	15	
4/6		16x1,5	12	15	29	20	
4/6		18x1,5	12	15	29	20	
5/8	6/8	10x1	8	15	31	15	
5/8	6/8	10x1,5	8	15	31	15	
5/8	6/8	12x1,5	12	15	31	15	
5/8	6/8	14x1,5	12	15	31	15	
5/8	6/8	16x1,5	12	15	33	20	
5/8	6/8	18x1,5	12	15	33	20	
6/9		10x1	8				
6/9		10x1,5	8				
6/9		12x1,5	12				
6/9		14x1,5	12				
6/9		16x1,5	12				
6/9		18x1,5	12				
6/10	8/10	10x1	8	17	36	20	
6/10	8/10	10x1,5	8	17	36	20	
6/10	8/10	12x1,5	12	17	36	20	
6/10	8/10	14x1,5	12	17	36	20	
6/10	8/10	16x1,5	12	17	36	20	
6/10	8/10	18x1,5	12	17	36	20	
8/12	9/12	10/12	12x1,5	12	19	40	20
8/12	9/12	10/12	14x1,5	12	19	40	20
8/12	9/12	10/12	16x1,5	12	19	40	20
8/12	9/12	10/12	18x1,5	12	19	40	20
10/14	12/14		12x1,5	12	21	48	25
10/14	12/14		14x1,5	12	21	48	25
10/14	12/14		16x1,5	12	21	48	25
10/14	12/14		18x1,5	12	21	48	25
12/16	14/16		14x1,5	12	23	50	25
12/16	14/16		16x1,5	12	23	50	25
12/16	14/16		18x1,5	12	23	50	25
14/18	16/18		18x1,5	12	25	55	30
14/18	16/18		20x1,5	14	25	55	30
14/18	16/18		22x1,5	14	25	55	30
14/18	16/18		24x1,5	16	25	55	30
16/20	18/20		20x1,5	14	25	57	30
16/20	18/20		22x1,5	14	25	57	30
16/20	18/20		24x1,5	16	25	57	30

T-connector for flexible tube (Series 1C) with male NPT-thread



Article-Nr	Connection A	Connection B	Connection C	Material
1C300MN0314PF	DN1/8"/1/4"	DN1/8"/1/4"	NPT1/4"	PFA
1C300MN1118PF	DN1/4"/3/8"	DN1/4"/3/8"	NPT1/8"	PFA
1C300MN1138PF	DN1/4"/3/8"	DN1/4"/3/8"	NPT3/8"	PFA
1C300MN1514PF	DN3/8"/1/2"	DN3/8"/1/2"	NPT1/4"	PFA
1C300MN4014PF	DN04/06	DN04/06	NPT1/4"	PFA
1C300MN4014PV	DN04/06	DN04/06	NPT1/4"	PVDF
1C300MN4018PF	DN04/06	DN04/06	NPT1/8"	PFA
1C300MN4238PV	DN05/08	DN05/08	NPT3/8"	PVDF
1C300MN4314PF	DN06/08	DN06/08	NPT1/4"	PFA
1C300MN4338PF	DN06/08	DN06/08	NPT3/8"	PFA
1C300MN4514PF	DN08/10	DN08/10	NPT1/4"	PFA
1C300MN4514PP	DN08/10	DN08/10	NPT1/4"	PP
1C300MN4812PF	DN10/12	DN10/12	NPT1/2"	PFA
1C300MN4814PF	DN10/12	DN10/12	NPT1/4"	PFA
1C300MN4838PV	DN10/12	DN10/12	NPT3/8"	PVDF

Dimensions 1A300MN... , 1C300MN...

A-B(DN)			C(NPT)	l3	L16	~L17*	ØD4
4/6		1/6"/1/4"	1/8"	10	12	26	12
4/6		1/6"/1/4"	1/4"	15	15	27	15
4/6		1/6"/1/4"	3/8"	15.3	15	29	20
4/6		1/6"/1/4"	1/2"	20	20	32	25
5/8	6/8		1/8"	10	15	31	15
5/8	6/8		1/4"	15	15	31	15
5/8	6/8		3/8"	15.3	15	33	20
5/8	6/8		1/2"	20	20	36	25
6/9			1/8"	10			
6/9			1/4"	15			
6/9			3/8"	15.3			
6/9			1/2"	20			
6/10	8/10	1/4"/3/8"	1/8"	10	18	36	20
6/10	8/10	1/4"/3/8"	1/4"	15	18	36	20
6/10	8/10	1/4"/3/8"	3/8"	15.3	18	36	20
6/10	8/10	1/4"/3/8"	1/2"	20	20	39	25
8/12	9/12 10/12	3/8"/1/2"	1/4"	15	20	40	20
8/12	9/12 10/12	3/8"/1/2"	3/8"	15.3	20	40	20
8/12	9/12 10/12	3/8"/1/2"	1/2"	20	20	43	25
8/12	9/12 10/12	3/8"/1/2"	3/4"	20	20	45	30
10/14	12/14		1/4"	15	22	48	25
10/14	12/14		3/8"	15.3	22	48	25
10/14	12/14		1/2"	20	22	48	25
10/14	12/14		3/4"	20	22	50	30
12/16	14/16		3/8"	15.3	23	50	25
12/16	14/16		1/2"	20	23	50	25
12/16	14/16		3/4"	20	23	52	30
14/18	16/18		1/2"	20	25	55	30
14/18	16/18		3/4"	20	25	55	30
		5/8"/3/4"	1/4"	15	25	57	30
		5/8"/3/4"	3/8"	15.3	25	57	30
16/20	18/20	5/8"/3/4"	1/2"	20	25	57	30

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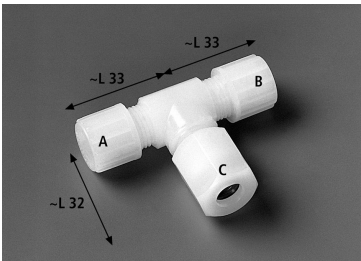
T-connector for flexible tube (Series 1C) with male NPT-thread

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		A-B(DN)	C(NPT)	I3	L16	~L17*	ØD4
16/20	18/20		3/4"	20	25	57	30
		5/8"/3/4"					

T-union for flexible tube (Series 1C) with connection for pipe (Series 2N)

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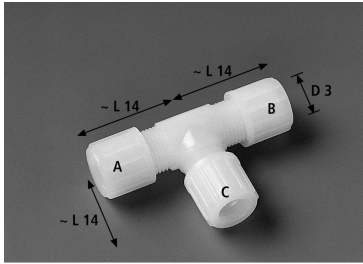


Article-Nr	Connection A	Connection B	Connection C	Material
1C300P030503PF	DN1/8"/1/4"	D1/4"	DN1/8"/1/4"	PFA
1C300P40PF	DN04/06	DN04/06	D06	PFA
1C300P40PP	DN04/06	DN04/06	D06	PP
1C300P434045PV	DN06/08	DN04/06	D10	PVDF
1C300P483048PF	DN10/12	D03	DN10/12	PFA
1C300P48PF	DN10/12	DN10/12	D12	PFA
1C300P575748PF	DN18/20	DN18/20	D12	PFA

Dimensions 1A300P... , 1C300P...

A-B(DN)		C(D)		~L32	~L33*
4/6		1/6"-1/4"	6	1/4"	27
5/8	6/8		8	3/8"	31
6/9					
6/10	8/10	1/4"-3/8"	10	1/2"	36
8/12	9/12	10/12	12	5/8"	40
10/14	12/14		14	3/4"	48
12/16	14/16		16		50
14/18	16/18		18		55
16/20	18/20	5/8"-3/4"	20		57

T-union for flexible tube on all ends (Series 1C)



Article-Nr	Connection A	Connection B	Connection C	Material
1C300T03PF	DN1/8"/1/4"	DN1/8"/1/4"	DN1/8"/1/4"	PFA
1C300T03PV	DN1/8"/1/4"	DN1/8"/1/4"	DN1/8"/1/4"	PVDF
1C300T05PF	DN1/6"/1/4"	DN1/6"/1/4"	DN1/6"/1/4"	PFA
1C300T05PP	DN1/6"/1/4"	DN1/6"/1/4"	DN1/6"/1/4"	PP
1C300T05PV	DN1/6"/1/4"	DN1/6"/1/4"	DN1/6"/1/4"	PVDF
1C300T06PF	DN3/16"/1/4"	DN3/16"/1/4"	DN3/16"/1/4"	PFA
1C300T111105PF	DN1/4"/3/8"	DN1/4"/3/8"	DN1/6"/1/4"	PFA
1C300T111105PV	DN1/4"/3/8"	DN1/4"/3/8"	DN1/6"/1/4"	PVDF
1C300T11PF	DN1/4"/3/8"	DN1/4"/3/8"	DN1/4"/3/8"	PFA
1C300T11PV	DN1/4"/3/8"	DN1/4"/3/8"	DN1/4"/3/8"	PVDF
1C300T12PF	DN5/16"/3/8"	DN5/16"/3/8"	DN5/16"/3/8"	PFA
1C300T15PF	DN3/8"/1/2"	DN3/8"/1/2"	DN3/8"/1/2"	PFA
1C300T15PP	DN3/8"/1/2"	DN3/8"/1/2"	DN3/8"/1/2"	PP
1C300T15PV	DN3/8"/1/2"	DN3/8"/1/2"	DN3/8"/1/2"	PVDF
1C300T20PP	DN5/8"/3/4"	DN5/8"/3/4"	DN5/8"/3/4"	PP
1C300T20PV	DN5/8"/3/4"	DN5/8"/3/4"	DN5/8"/3/4"	PVDF
1C300T404043PF	DN04/06	DN04/06	DN06/08	PFA
1C300T404043PP	DN04/06	DN04/06	DN06/08	PP
1C300T404043PV	DN04/06	DN04/06	DN06/08	PVDF
1C300T404045PF	DN04/06	DN04/06	DN08/10	PFA
1C300T404045PP	DN04/06	DN04/06	DN08/10	PP
1C300T404048PV	DN04/06	DN04/06	DN10/12	PVDF
1C300T40PF	DN04/06	DN04/06	DN04/06	PFA
1C300T40PN	DN04/06	DN04/06	DN04/06	PP-NATUR
1C300T40PP	DN04/06	DN04/06	DN04/06	PP
1C300T40PV	DN04/06	DN04/06	DN04/06	PVDF
1C300T42PF	DN05/08	DN05/08	DN05/08	PFA
1C300T42PP	DN05/08	DN05/08	DN05/08	PP
1C300T42PV	DN05/08	DN05/08	DN05/08	PVDF
1C300T430505PF	DN06/08	DN1/6"/1/4"	DN1/6"/1/4"	PFA
1C300T434040PV	DN06/08	DN04/06	DN04/06	PVDF
1C300T434043PF	DN06/08	DN04/06	DN06/08	PFA
1C300T434340PF	DN06/08	DN06/08	DN04/06	PFA
1C300T434340PV	DN06/08	DN06/08	DN04/06	PVDF
1C300T434345PF	DN06/08	DN06/08	DN08/10	PFA
1C300T434348PF	DN06/08	DN06/08	DN10/12	PFA
1C300T434348PV	DN06/08	DN06/08	DN10/12	PVDF
1C300T43PF	DN06/08	DN06/08	DN06/08	PFA
1C300T43PN	DN06/08	DN06/08	DN06/08	PP-NATUR
1C300T43PP	DN06/08	DN06/08	DN06/08	PP
1C300T43PV	DN06/08	DN06/08	DN06/08	PVDF
1C300T444440PP	DN06/10	DN06/10	DN04/06	PP
1C300T44PF	DN06/10	DN06/10	DN06/10	PFA
1C300T44PP	DN06/10	DN06/10	DN06/10	PP
1C300T454040PN	DN08/10	DN04/06	DN04/06	PP-NATUR
1C300T454045PP	DN08/10	DN04/06	DN08/10	PP
1C300T454345PV	DN08/10	DN06/08	DN08/10	PVDF
1C300T454540PF	DN08/10	DN08/10	DN04/06	PFA
1C300T454540PP	DN08/10	DN08/10	DN04/06	PP
1C300T454543PF	DN08/10	DN08/10	DN06/08	PFA
1C300T454543PV	DN08/10	DN08/10	DN06/08	PVDF
1C300T454548PP	DN08/10	DN08/10	DN10/12	PP
1C300T45PF	DN08/10	DN08/10	DN08/10	PFA
1C300T45PN	DN08/10	DN08/10	DN08/10	PP-NATUR
1C300T45PP	DN08/10	DN08/10	DN08/10	PP
1C300T45PV	DN08/10	DN08/10	DN08/10	PVDF
1C300T46PF	DN08/12	DN08/12	DN08/12	PFA
1C300T46PP	DN08/12	DN08/12	DN08/12	PP
1C300T46PV	DN08/12	DN08/12	DN08/12	PVDF
1C300T47PF	DN09/12	DN09/12	DN09/12	PFA
1C300T47PP	DN09/12	DN09/12	DN09/12	PP
1C300T47PV	DN09/12	DN09/12	DN09/12	PVDF

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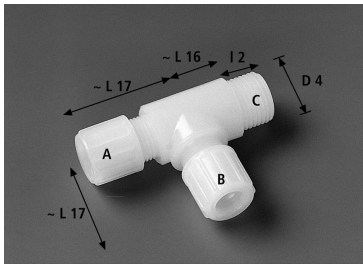
Article-Nr	Connection A	Connection B	Connection C	Material
1C300T484048PF	DN10/12	DN04/06	DN10/12	PFA
1C300T484840PF	DN10/12	DN10/12	DN04/06	PFA
1C300T484840PV	DN10/12	DN10/12	DN04/06	PVDF
1C300T484843PF	DN10/12	DN10/12	DN06/08	PFA
1C300T484843PP	DN10/12	DN10/12	DN06/08	PP
1C300T484843PV	DN10/12	DN10/12	DN06/08	PVDF
1C300T48PF	DN10/12	DN10/12	DN10/12	PFA
1C300T48PN	DN10/12	DN10/12	DN10/12	PP-NATUR
1C300T48PP	DN10/12	DN10/12	DN10/12	PP
1C300T48PV	DN10/12	DN10/12	DN10/12	PVDF
1C300T49PF	DN10/14	DN10/14	DN10/14	PFA
1C300T49PP	DN10/14	DN10/14	DN10/14	PP
1C300T51PF	DN12/14	DN12/14	DN12/14	PFA
1C300T51PP	DN12/14	DN12/14	DN12/14	PP
1C300T51PV	DN12/14	DN12/14	DN12/14	PVDF
1C300T524848PF	DN12/16	DN10/12	DN10/12	PFA
1C300T52PF	DN12/16	DN12/16	DN12/16	PFA
1C300T53PF	DN14/16	DN14/16	DN14/16	PFA
1C300T57PV	DN18/20	DN18/20	DN18/20	PVDF
1C300T77PP	DN06/09	DN06/09	DN06/09	PP
1C300T77PV	DN06/09	DN06/09	DN06/09	PVDF

Dimensions 1A300T... , 1C300T...

	A-B-C(DN)			~L14*	ØD3
4/6			1/6"-1/4"	26	12
5/8**	6/8			31	15
6/9					
6/10	8/10		1/4"-3/8"	36	20
8/12	9/12	10/12	3/8"-1/2"	43	20
10/14	12/14			48	25
12/16	14/16			50	25
14/18	16/18			55	30
16/20	18/20		5/8"-3/4"	59	32

T-connector for flexible tube (Series 1C) with male G-thread, asymmetrical

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Article-Nr	Connection A	Connection B	Connection C	Material
1C310MG0518PP	DN1/6"/1/4"	DN1/6"/1/4"	G1/8"	PP
1C310MG4014PF	DN04/06	DN04/06	G1/4"	PFA
1C310MG4014PP	DN04/06	DN04/06	G1/4"	PP
1C310MG4014PV	DN04/06	DN04/06	G1/4"	PVDF
1C310MG4018PF	DN04/06	DN04/06	G1/8"	PFA
1C310MG4018PFFP	DN04/06	DN04/06	G1/8"	PFA/FPM
1C310MG4018PP	DN04/06	DN04/06	G1/8"	PP
1C310MG4312PV	DN06/08	DN06/08	G1/2"	PVDF
1C310MG4314PP	DN06/08	DN06/08	G1/4"	PP
1C310MG4338PF	DN06/08	DN06/08	G3/8"	PFA
1C310MG4512PF	DN08/10	DN08/10	G1/2"	PFA
1C310MG4514PF	DN08/10	DN08/10	G1/4"	PFA
1C310MG4514PV	DN08/10	DN08/10	G1/4"	PVDF
1C310MG4612PF	DN08/12	DN08/12	G1/2"	PFA
1C310MG4614PP	DN08/12	DN08/12	G1/4"	PP
1C310MG4812PF	DN10/12	DN10/12	G1/2"	PFA
1C310MG4812PV	DN10/12	DN10/12	G1/2"	PVDF
1C310MG4814PF	DN10/12	DN10/12	G1/4"	PFA
1C310MG4838PF	DN10/12	DN10/12	G3/8"	PFA
1C310MG4838PP	DN10/12	DN10/12	G3/8"	PP
1C310MG484012PV	DN10/12	DN04/06	G1/2"	PVDF
1C310MG4912PV	DN10/14	DN10/14	G1/2"	PVDF
1C310MG4938PV	DN10/14	DN10/14	G3/8"	PVDF

Dimensions 1A310MG... , 1C310MG...

A-B(DN)			C(G)	l2	L16	~L17*	ØD4
4/6		1/6"/1/4"	1/8"	8	12	26	12
4/6		1/6"/1/4"	1/4"	12	15	27	15
4/6		1/6"/1/4"	3/8"	12	15	29	20
4/6		1/6"/1/4"	1/2"	14	20	32	25
5/8	6/8		1/8"	8	12	31	15
5/8	6/8		1/4"	12	15	31	15
5/8	6/8		3/8"	12	15	33	20
5/8	6/8		1/2"	14	20	36	25
6/9			1/8"	8			
6/9			1/4"	12			
6/9			3/8"	12			
6/9			1/2"	14			
6/10	8/10	1/4"/3/8"	1/8"	8	18	36	20
6/10	8/10	1/4"/3/8"	1/4"	12	18	36	20
6/10	8/10	1/4"/3/8"	3/8"	12	18	36	20
6/10	8/10	1/4"/3/8"	1/2"	14	20	39	25
8/12	9/12	10/12	1/4"	12	20	40	20
8/12	9/12	10/12	3/8"	12	20	40	20
8/12	9/12	10/12	1/2"	14	20	43	25
8/12	9/12	10/12	3/4"	16	20	45	30
10/14	12/14		1/4"	12	22	48	25
10/14	12/14		3/8"	12	22	48	25
10/14	12/14		1/2"	14	22	48	25
10/14	12/14		3/4"	16	22	50	30
12/16	14/16		3/8"	12	23	50	25
12/16	14/16		1/2"	14	23	50	25

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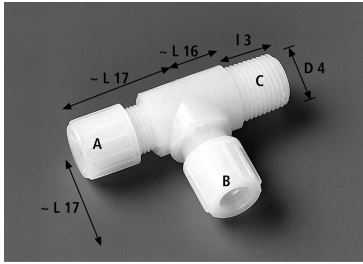
T-connector for flexible tube (Series 1C) with male G-thread, asymmetrical

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	A-B(DN)	C(G)	I2	L16	~L17*	ØD4
12/16	14/16	3/4"	16	23	52	30
14/18	16/18	1/2"	14	25	55	30
14/18	16/18	3/4"	16	25	55	30
	5/8"/3/4"	1/4"	12	25	57	30
	5/8"/3/4"	3/8"	12	25	57	30
16/20	18/20	1/2"	14	25	57	30
	5/8"/3/4"					
16/20	18/20	3/4"	16	25	57	30
	5/8"/3/4"					

T-connector for flexible tube (Series 1C) with male NPT-thread, asymmetrical

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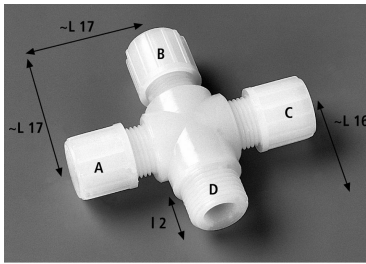


Article-Nr	Connection A	Connection B	Connection C	Material
1C310MN0514PF	DN1/6"/1/4"	DN1/6"/1/4"	NPT1/4"	PFA
1C310MN0514PP	DN1/6"/1/4"	DN1/6"/1/4"	NPT1/4"	PP
1C310MN0518PP	DN1/6"/1/4"	DN1/6"/1/4"	NPT1/8"	PP
1C310MN1214PF	DN5/16"/3/8"	DN5/16"/3/8"	NPT1/4"	PFA
1C310MN4014PF	DN04/06	DN04/06	NPT1/4"	PFA
1C310MN4014PV	DN04/06	DN04/06	NPT1/4"	PVDF
1C310MN4312PF	DN06/08	DN06/08	NPT1/2"	PFA
1C310MN4314PF	DN06/08	DN06/08	NPT1/4"	PFA
1C310MN4314PV	DN06/08	DN06/08	NPT1/4"	PVDF
1C310MN4338PF	DN06/08	DN06/08	NPT3/8"	PFA
1C310MN4514PV	DN08/10	DN08/10	NPT1/4"	PVDF
1C310MN4812PN	DN10/12	DN10/12	NPT1/2"	PP-NATUR

Dimensions 1A310MN...1C310MN...

A-B(DN)		C(NPT)	l3	L16	~L17*	ØD4
4/6		1/8"	10	12	26	12
	1/6"/1/4"					
4/6		1/4"	15	15	27	15
	1/6"/1/4"					
4/6		3/8"	15.3	15	29	20
	1/6"/1/4"					
4/6		1/2"	20	20	32	25
	1/6"/1/4"					
5/8	6/8	1/8"	10	15	31	15
5/8	6/8	1/4"	15	15	31	15
5/8	6/8	3/8"	15.3	15	33	20
5/8	6/8	1/2"	20	20	36	25
6/9		1/8"	10			
6/9		1/4"	15			
6/9		3/8"	15.3			
6/9		1/2"	20			
6/10	8/10	1/8"	10	18	36	20
		1/4"/3/8"				
6/10	8/10	1/4"	15	18	36	20
		1/4"/3/8"				
6/10	8/10	3/8"	15.3	18	36	20
		1/4"/3/8"				
6/10	8/10	1/2"	20	20	39	25
		1/4"/3/8"				
8/12	9/12 10/12	1/4"	15	20	40	20
		3/8"/1/2"				
8/12	9/12 10/12	3/8"	15.3	20	40	20
		3/8"/1/2"				
8/12	9/12 10/12	1/2"	20	20	43	25
		3/8"/1/2"				
8/12	9/12 10/12	3/4"	20	20	45	30
		3/8"/1/2"				
10/14	12/14	1/4"	15	22	48	25
10/14	12/14	3/8"	15.3	22	48	25
10/14	12/14	1/2"	20	22	48	25
10/14	12/14	3/4"	20	22	50	30
12/16	14/16	3/8"	15.3	23	50	25
12/16	14/16	1/2"	20	23	50	25
12/16	14/16	3/4"	20	23	52	30
14/18	16/18	1/2"	20	25	55	30
14/18	16/18	3/4"	20	25	55	30
		1/4"	15	25	57	30
		5/8"/3/4"				
		3/8"	15.3	25	57	30
		5/8"/3/4"				
16/20	18/20	1/2"	20	25	57	30
		5/8"/3/4"				
16/20	18/20	3/4"	20	25	57	30
		5/8"/3/4"				

Cross connector for flexible tube (Series 1C) with male G-thread

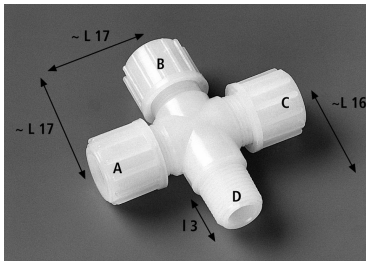


Article-Nr	Connection A	Connection B	Connection C Connection D	Material
1C400MG4014PP	DN04/06	DN04/06	DN04/06 G1/4"	PP
1C400MG4314PP	DN06/08	DN06/08	DN06/08 G1/4"	PP

Dimensions 1A400MG. . . , 1C400MG. . .

A(DN)	B(DN)	C(DN)	D(G)	l2	~L16	~L17
4/6	4/6	4/6	1/8"	8	20	26
4/6	4/6	4/6	1/4"	12	27	29
4/6	4/6	4/6	3/8"	12	27	29
4/6	4/6	4/6	1/2"	14	34	32
6/8	6/8	6/8	1/8"	8	20	33
6/8	6/8	6/8	1/4"	12	27	33
6/8	6/8	6/8	3/8"	12	27	33
6/8	6/8	6/8	1/2"	14	34	36
6/10	6/10	6/10	1/8"	8	26	36
6/10	6/10	6/10	1/4"	12	30	36
6/10	6/10	6/10	3/8"	12	30	36
6/10	6/10	6/10	1/2"	14	34	39
8/10	8/10	8/10	1/4"	12	30	36
8/10	8/10	8/10	3/8"	12	30	36
8/10	8/10	8/10	1/2"	14	34	39
8/12	8/12	8/12	1/4"	12	32	40
8/12	8/12	8/12	3/8"	12	32	40
8/12	8/12	8/12	1/2"	14	34	43
10/12	10/12	10/12	1/4"	12	32	40
10/12	10/12	10/12	3/8"	12	32	40
10/12	10/12	10/12	1/2"	14	34	43
10/14	10/14	10/14	3/8"	12	34	48
10/14	10/14	10/14	1/2"	14	36	48
12/14	12/14	12/14	3/8"	12	34	48
12/14	12/14	12/14	1/2"	14	36	48

Cross connector for flexible tube (Series 1C) with male NPT-thread



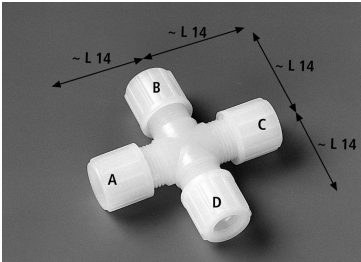
Article-Nr	Connection A	Connection B	Connection C Connection D	Material
1C400MN4018PP	DN04/06	DN04/06	DN04/06 NPT1/8"	PP

Dimensions 1A400MN... , 1C400MN...

A(DN)	B(DN)	C(DN)	D(NPT)	I3	~L16	~L17
4/6	4/6	4/6	1/8"	10	22	26
4/6	4/6	4/6	1/4"	15	30	29
4/6	4/6	4/6	3/8"	15,3	30	29
4/6	4/6	4/6	1/2"	20	40	32
6/8	6/8	6/8	1/8"	10	25	33
6/8	6/8	6/8	1/4"	15	30	33
6/8	6/8	6/8	3/8"	15,3	30	33
6/8	6/8	6/8	1/2"	20	40	36
6/10	6/10	6/10	1/8"	10	28	36
6/10	6/10	6/10	1/4"	15	33	36
6/10	6/10	6/10	3/8"	15,3	33	36
6/10	6/10	6/10	1/2"	20	40	39
8/10	8/10	8/10	1/4"	15	33	36
8/10	8/10	8/10	3/8"	15,3	33	36
8/10	8/10	8/10	1/2"	20	40	39
8/12	8/12	8/12	1/4"	15	35	40
8/12	8/12	8/12	3/8"	15,3	35	40
8/12	8/12	8/12	1/2"	20	40	43
10/12	10/12	10/12	1/4"	15	35	40
10/12	10/12	10/12	3/8"	15,3	35	40
10/12	10/12	10/12	1/2"	20	40	43
10/14	10/14	10/14	3/8"	15,3	37	48
10/14	10/14	10/14	1/2"	20	42	48
12/14	12/14	12/14	3/8"	15,3	37	48
12/14	12/14	12/14	1/2"	20	42	48

Cross union for flexible tube on all ends (Series 1C)

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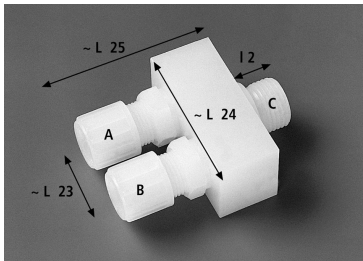


Article-Nr	Connection A	Connection B	Connection C Connection D	Material
1C400T05PV	DN1/4"	DN1/4"	DN1/4" DN1/4"	PVDF
1C400T40PF	DN04/06	DN04/06	DN04/06 DN04/06	PFA
1C400T40PP	DN04/06	DN04/06	DN04/06 DN04/06	PP
1C400T40PV	DN04/06	DN04/06	DN04/06 DN04/06	PVDF
1C400T43484345PV	DN06/08	DN10/12	DN06/08 DN08/10	PVDF
1C400T43PV	DN06/08	DN06/08	DN06/08 DN06/08	PVDF
1C400T48PF	DN10/12	DN10/12	DN10/12 DN10/12	PFA
1C400T48PP	DN10/12	DN10/12	DN10/12 DN10/12	PP

Dimensions 1A400T... , 1C400T...

A(DN)	B(DN)	C(DN)	D(DN)	~L14
4/6	4/6	4/6	4/6	25
6/8	6/8	6/8	6/8	33
6/10	6/10	6/10	6/10	36
8/10	8/10	8/10	8/10	36
8/12	8/12	8/12	8/12	43
10/12	10/12	10/12	10/12	43
10/14	10/14	10/14	10/14	48
12/14	12/14	12/14	12/14	48

Fork connector for flexible tube (Series 1C) with male G-thread



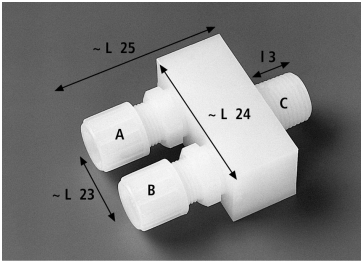
Article-Nr	Connection A	Connection B	Connection C	Material
1C500MG4018PV	DN04/06	DN04/06	G1/8"	PVDF
1C500MG4312PV	DN06/08	DN06/08	G1/2"	PVDF
1C500MG4838PV	DN10/12	DN10/12	G3/8"	PVDF

Dimensions 1A500MG . . . , 1C500MG . . .

A-B(DN)		C(G)	l2	L23	~L24	~L25	
4/6	1/6"/1/4"	1/8"	8	20	40	43	
4/6	1/6"/1/4"	1/4"	12	20	40	43	
4/6	1/6"/1/4"	3/8"	12	20	40	43	
4/6	1/6"/1/4"	1/2"	14	20	40	43	
6/8		1/8"	8	25	50	54.5	
6/8		1/4"	12	25	50	54.5	
6/8		3/8"	12	25	50	54.5	
6/8		1/2"	14	25	50	54.5	
6/10	8/10	1/4"/3/8"	1/4"	12	25	50	58.5
6/10	8/10	1/4"/3/8"	3/8"	12	25	50	58.5
6/10	8/10	1/4"/3/8"	1/2"	14	25	50	58.5
8/12	10/12	3/8"/1/2"	1/4"	12	28	63	63
8/12	10/12	3/8"/1/2"	3/8"	12	28	63	63
8/12	10/12	3/8"/1/2"	1/2"	14	28	63	63
10/14	12/14		1/4"	12	32	65	72
10/14	12/14		3/8"	12	32	65	72
10/14	12/14		1/2"	14	32	65	72

Fork connector for flexible tube (Series 1C) with male NPT-thread

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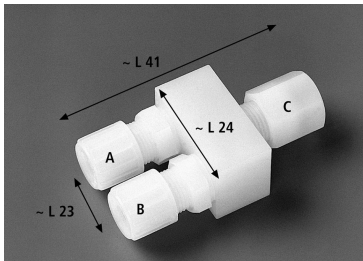
Article-Nr	Connection A	Connection B	Connection C	Material
1C500MN0514PV	DN1/6"/1/4"	DN1/6"/1/4"	NPT1/4"	PVDF

Dimensions 1A500MN. . . , 1C500MN. . .

A-B(DN)		C(NPT)		l3	L23	L24	~L25*
4/6		1/6"/1/4"	1/8"	10	20	40	43
4/6		1/6"/1/4"	1/4"	15	20	40	43
4/6		1/6"/1/4"	3/8"	15.3	20	40	43
4/6		1/6"/1/4"	1/2"	20	20	40	43
6/8			1/8"	10	25	50	54.5
6/8			1/4"	15	25	50	54.5
6/8			3/8"	15.3	25	50	54.5
6/8			1/2"	20	25	50	54.5
6/10			1/8"	10	25	50	58.5
6/10	8/10	1/4"/3/8"	1/4"	15	25	50	58.5
6/10	8/10	1/4"/3/8"	3/8"	15.3	25	50	58.5
6/10	8/10	1/4"/3/8"	1/2"	20	25	50	58.5
8/12	10/12	3/8"/1/2"	1/4"	15	28	63	63
8/12	10/12	3/8"/1/2"	3/8"	15.3	28	63	63
8/12	10/12	3/8"/1/2"	1/2"	20	28	65	63
10/14	12/14		1/4"	15	32	65	72
10/14	12/14		3/8"	15.3	32	65	72
10/14	12/14		1/2"	20	32	65	72

Fork union for flexible tube (Series 1C) with connection for pipe (Series 2N)

1



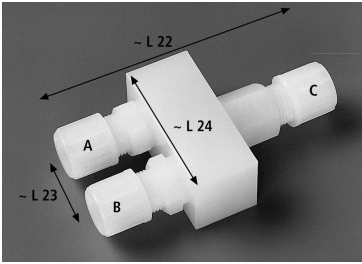
Article-Nr	Connection A	Connection B	Connection C	Material
1C500P40PV	DN04/06	DN04/06	D06	PVDF

Dimensions 1A500P . . . , 1C500P . . .

A-B(DN)	C(D)	L23	L24	~L41	
4/6	6	20	35	68.5	
6/8	8	25	45	81	
6/10	8/10	10	25	45	88
8/12	10/12	12	28	53	95.5
10/14	12/14	14	30	55	103.5

Fork union for flexible tube on all ends (Series 1C)

1



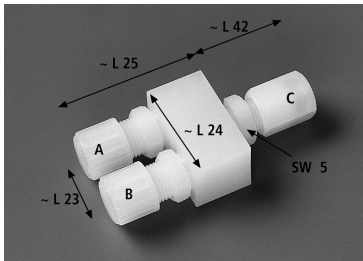
Article-Nr	Connection A	Connection B	Connection C	Material
1C500T40PP	DN04/06	DN04/06	DN04/06	PP
1C500T40PV	DN04/06	DN04/06	DN04/06	PVDF
1C500T43PF	DN06/08	DN06/08	DN06/08	PFA
1C500T43PV	DN06/08	DN06/08	DN06/08	PVDF
1C500T4551PV	DN08/10	DN08/10	DN12/14	PVDF
1C500T51PV	DN12/14	DN12/14	DN12/14	PVDF

Dimensions 1A500T . . . , 1C500T . . .

	A-B-C(DN)	~L22	L23	L24
4/6	1/6"-1/4"	65.5	20	40
6/8		82	25	50
6/10	8/10	89	25	50
8/12	10/12	98	28	63
10/14	12/14	112	32	65

Fork bulkhead connector for flexible tube (Series 1C) with connection for pipe (Series 2N)

1



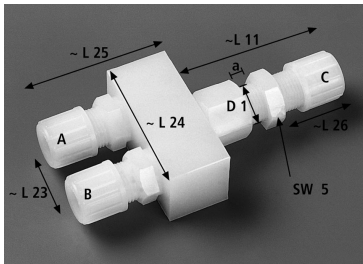
Article-Nr	Connection A	Connection B	Connection C	Material
1C501P40PV	DN04/06	DN04/06	D06	PVDF
1C501P43PV	DN06/08	DN06/08	D08	PVDF
1C501P45PV	DN08/10	DN08/10	D10	PVDF
1C501P4648PV	DN08/12	DN08/12	D12	PVDF
1C501P48PV	DN10/12	DN10/12	D12	PVDF

Dimensions 1A501P... , 1C501P...

A(DN)	B(DN)	C(D)	L23	L24	~L25	~L42	SW5
4/6	4/6	6	20	40	43	42	17
6/8	6/8	8	25	50	54.5	42	19
8/10	8/10	10	25	50	58.5	47	22
8/12	8/12	12	28	63	63	53	24
10/12	10/12	12	28	63	63	53	24
10/14	10/14	14	32	65	72	57	27
12/14	12/14	14	32	65	72	57	27

Fork bulkhead union for flexible tube on all ends (Series 1C)

1



Article-Nr	Connection A	Connection B	Connection C	Material
1C501T404045PV	DN04/06	DN04/06	DN08/10	PVDF
1C501T43PP	DN06/08	DN06/08	DN06/08	PP

Dimensions 1A501T... , 1C501T...

A(DN)	B(DN)	C(DN)	~L11	L23	~L24	~L25	~L26	SW 5	ØD1	a
4/6	4/6	4/6	45	20	40	43	17	14	10.5	9
6/8	6/8	6/8	51	25	50	54.5	21	19	14.5	9
6/10	6/10	6/10	56	25	50	58.5	24	22	16.5	10
8/10	8/10	8/10	56	25	50	58.5	24	22	16.5	10
8/12	8/12	8/12	68	28	63	63	28	24	18.5	12
10/12	10/12	10/12	68	28	63	63	28	24	18.5	12
10/14	10/14	10/14	76	32	65	72	33	27	20.5	14
12/14	12/14	12/14	76	32	65	72	33	27	20.5	14