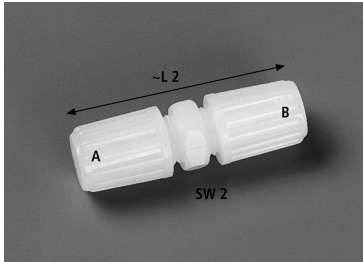


- 1) Thread manufactured without seam ⇒ High tightness, long term stability
- 2) Connecting sleeve manufactured without seam ⇒ High tightness, long term stability
- 3) Available as NPT and G thread ⇒ Various connection options
- 4) Connector available in natural PP, PVDF, PFA ⇒ High media resistance
- 5) Connection with no dead volume ⇒ No dirt deposits ⇒ No collection of bacteria ⇒ No media escape

The connection principle used in Series 1D from EM-TECHNIK entails using heat to enlarge the flexible tube before pushing it onto an integrated connecting sleeve. The tube is secured in place by means of a knurled nut acting on the flexible tube. What makes this connection principle special is the elimination of dead volume. The flexible tube and the connecting sleeve produce a form-locked connection, resulting in a connection with no dead volume. The connection principle 1D is available in HP quality. We achieve this quality in a 5-step process: 1. Cleaning in an ultrasonic bath, with oil separator 2. Cleaning in a DI bath (distilled and ionised) 3. Re-cleaning in a DI bath (18.5MΩ) in a clean-room under Class 100 clean-room conditions 4. Drying the components in a vacuum under Class 100 cleanroom conditions 5. Assembly, final inspection and packing of the parts in a cleanroom. As packaging we use two bags. To prevent dirt deposits, the bags are filled with Class 5.0 nitrogen and welded. Our connectors are manufactured without seams, likewise in HP quality, to guarantee a very high level of tightness. Compatibility of our connectors with other standard flexible tube connecting systems is assured.

**Straight union for flexible tube on both ends
(Series 1D) , (flare/flare)**

1



Article-Nr	Connection A	Connection B	Material
1D100T03PF	D1/4"	D1/4"	PFA
1D100T03PN	D1/4"	D1/4"	PP-NATUR
1D100T03PV	D1/4"	D1/4"	PVDF
1D100T1103PF	D3/8"	D1/4"	PFA
1D100T1103PN	D3/8"	D1/4"	PP-NATUR
1D100T11PF	D3/8"	D3/8"	PFA
1D100T11PN	D3/8"	D3/8"	PP-NATUR
1D100T11PV	D3/8"	D3/8"	PVDF
1D100T1503PF	D1/2"	D1/4"	PFA
1D100T1503PN	D1/2"	D1/4"	PP-NATUR
1D100T1511PF	D1/2"	D3/8"	PFA
1D100T1511PN	D1/2"	D3/8"	PP-NATUR
1D100T1511PV	D1/2"	D3/8"	PVDF
1D100T15PF	D1/2"	D1/2"	PFA
1D100T15PN	D1/2"	D1/2"	PP-NATUR
1D100T15PV	D1/2"	D1/2"	PVDF
1D100T2003PF	D3/4"	D1/4"	PFA
1D100T2003PN	D3/4"	D1/4"	PP-NATUR
1D100T2011PF	D3/4"	D3/8"	PFA
1D100T2011PN	D3/4"	D3/8"	PP-NATUR
1D100T2011PV	D3/4"	D3/8"	PVDF
1D100T2015PF	D3/4"	D1/2"	PFA
1D100T2015PN	D3/4"	D1/2"	PP-NATUR
1D100T2015PV	D3/4"	D1/2"	PVDF
1D100T20PF	D3/4"	D3/4"	PFA
1D100T2411PF	D1"	D3/8"	PFA
1D100T2415PF	D1"	D1/2"	PFA
1D100T2420PF	D1"	D3/4"	PFA
1D100T2420PN	D1"	D3/4"	PP-NATUR
1D100T24PF	D1"	D1"	PFA
1D100T24PN	D1"	D1"	PP-NATUR
1D100T24PV	D1"	D1"	PVDF

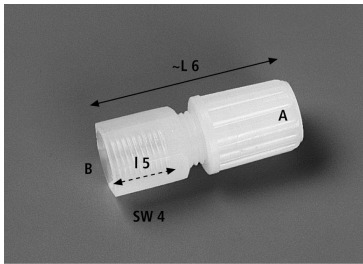
Dimensions 1D100T...

A(D*)	B(D*)	~L2	SW2
1/4"	1/4"	64	17
3/8"	3/8"	71	22
1/2"	1/2"	74	24
3/4"	3/4"	84	32
1"	1"	104	43

* corresponds to outside diameter

**Straight connector for flexible tube (Series 1D),
(flare), with female G-thread**

1



Article-Nr	Connection A	Connection B	Material
1D100FG0318PV	D1/4"	G1/8"	PVDF
1D100FG1114PF	D3/8"	G1/4"	PFA
1D100FG15100PN	D1/2"	G1"	PP-NATUR
1D100FG1512PF	D1/2"	G1/2"	PFA
1D100FG1514PF	D1/2"	G1/4"	PFA
1D100FG1538PF	D1/2"	G3/8"	PFA
1D100FG2012PF	D3/4"	G1/2"	PFA

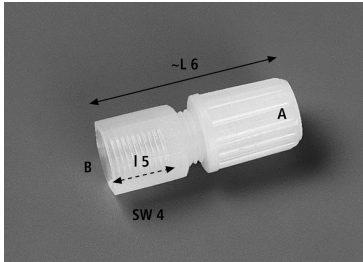
Dimensions 1D100FG...

A(D*)	B(G)	~15	~L6	SW4
1/4"	1/8"	10	44	17
1/4"	1/4"	15	50	17
3/8"	1/4"	15	53	19
3/8"	3/8"	15	54	22
3/8"	1/2"	16	60	27
1/2"	1/4"	15	54	24
1/2"	3/8"	15	55	24
1/2"	1/2"	16	61	27
3/4"	1/2"	16	65	32
3/4"	3/4"	20	66	36
1"	3/4"	20	77	43
1"	1"	22	82	43

* corresponds to outside diameter

**Straight connector for flexible tube (Series 1D),
(flare), with female NPT-thread**

1



Article-Nr	Connection A	Connection B	Material
1D100FN0312PF	D1/4"	NPT1/2"	PFA
1D100FN0312PN	D1/4"	NPT1/2"	PP-NATUR
1D100FN0314PF	D1/4"	NPT1/4"	PFA
1D100FN0314PN	D1/4"	NPT1/4"	PP-NATUR
1D100FN0318PN	D1/4"	NPT1/8"	PP-NATUR
1D100FN1112PF	D3/8"	NPT1/2"	PFA
1D100FN1112PN	D3/8"	NPT1/2"	PP-NATUR
1D100FN1112PV	D3/8"	NPT1/2"	PVDF
1D100FN1114PF	D3/8"	NPT1/4"	PFA
1D100FN1114PN	D3/8"	NPT1/4"	PP-NATUR
1D100FN1114PV	D3/8"	NPT1/4"	PVDF
1D100FN1138PF	D3/8"	NPT3/8"	PFA
1D100FN1138PN	D3/8"	NPT3/8"	PP-NATUR
1D100FN1138PV	D3/8"	NPT3/8"	PVDF
1D100FN1512PF	D1/2"	NPT1/2"	PFA
1D100FN1512PN	D1/2"	NPT1/2"	PP-NATUR
1D100FN1512PV	D1/2"	NPT1/2"	PVDF
1D100FN1514PF	D1/2"	NPT1/4"	PFA
1D100FN1514PN	D1/2"	NPT1/4"	PP-NATUR
1D100FN1514PV	D1/2"	NPT1/4"	PVDF
1D100FN1534PN	D1/2"	NPT3/4"	PP-NATUR
1D100FN1538PF	D1/2"	NPT3/8"	PFA
1D100FN1538PV	D1/2"	NPT3/8"	PVDF
1D100FN2012PF	D3/4"	NPT1/2"	PFA
1D100FN2012PN	D3/4"	NPT1/2"	PP-NATUR
1D100FN2012PV	D3/4"	NPT1/2"	PVDF
1D100FN2034PF	D3/4"	NPT3/4"	PFA
1D100FN2034PN	D3/4"	NPT3/4"	PP-NATUR
1D100FN2034PV	D3/4"	NPT3/4"	PVDF
1D100FN2434PN	D1"	NPT3/4"	PP-NATUR
1D100FN2434PV	D1"	NPT3/4"	PVDF

Dimensions 1D100FN . . .

A(D*)	B(NPT)	~15	~L6	SW4
1/4"	1/8"	11.6	44	17
1/4"	1/4"	16.4	50	17
3/8"	1/4"	16.4	53	19
3/8"	3/8"	17.4	54	22
3/8"	1/2"	22.6	60	27
1/2"	1/4"	16.4	54	24
1/2"	3/8"	17.4	55	24
1/2"	1/2"	22.6	61	27
3/4"	1/2"	22.6	65	32
3/4"	3/4"	23.1	66	36
1"	3/4"	23.1	77	43

* corresponds to outside diameter

**Straight connector for flexible tube (Series 1D),
(flare), with male G-thread**

1



Article-Nr	Connection A	Connection B	Material
1D100MG0312PN	D1/4"	G1/2"	PP-NATUR
1D100MG0314PF	D1/4"	G1/4"	PFA
1D100MG0314PN	D1/4"	G1/4"	PP-NATUR
1D100MG0314PV	D1/4"	G1/4"	PVDF
1D100MG0318PN	D1/4"	G1/8"	PP-NATUR
1D100MG0338PF	D1/4"	G3/8"	PFA
1D100MG0338PN	D1/4"	G3/8"	PP-NATUR
1D100MG0338PV	D1/4"	G3/8"	PVDF
1D100MG1112PF	D3/8"	G1/2"	PFA
1D100MG1112PN	D3/8"	G1/2"	PP-NATUR
1D100MG1112PV	D3/8"	G1/2"	PVDF
1D100MG1114PF	D3/8"	G1/4"	PFA
1D100MG1114PN	D3/8"	G1/4"	PP-NATUR
1D100MG1114PV	D3/8"	G1/4"	PVDF
1D100MG1138PF	D3/8"	G3/8"	PFA
1D100MG1138PN	D3/8"	G3/8"	PP-NATUR
1D100MG1138PV	D3/8"	G3/8"	PVDF
1D100MG1512PF	D1/2"	G1/2"	PFA
1D100MG1512PN	D1/2"	G1/2"	PP-NATUR
1D100MG1512PV	D1/2"	G1/2"	PVDF
1D100MG1514PF	D1/2"	G1/4"	PFA
1D100MG1514PN	D1/2"	G1/4"	PP-NATUR
1D100MG1514PV	D1/2"	G1/4"	PVDF
1D100MG1534PN	D1/2"	G3/4"	PP-NATUR
1D100MG1538PF	D1/2"	G3/8"	PFA
1D100MG1538PN	D1/2"	G3/8"	PP-NATUR
1D100MG1538PV	D1/2"	G3/8"	PVDF
1D100MG2012PF	D3/4"	G1/2"	PFA
1D100MG2012PV	D3/4"	G1/2"	PVDF
1D100MG2034PF	D3/4"	G3/4"	PFA
1D100MG2034PN	D3/4"	G3/4"	PP-NATUR
1D100MG2034PV	D3/4"	G3/4"	PVDF
1D100MG2434PN	D1"	G3/4"	PP-NATUR
1D100MG4312PP	DN06/08	G1/2"	PP
1D100MG4314PF	DN06/08	G1/4"	PFA
1D100MG4314PP	DN06/08	G1/4"	PP
1D100MG4314PV	DN06/08	G1/4"	PVDF
1D100MG4318PV	DN06/08	G1/8"	PVDF
1D100MG4338PP	DN06/08	G3/8"	PP
1D100MG4338PV	DN06/08	G3/8"	PVDF

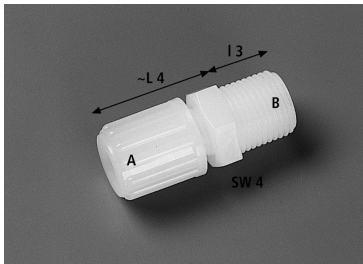
Dimensions 1D100MG. . .

A(D*)	B(G)	~I2	~L4	SW3
1/4"	1/8"	8	35.5	14
1/4"	1/4"	12	37	17
1/4"	3/8"	12	38.5	22
1/4"	1/2"	14	41	27
3/8"	1/4"	12	40	17
3/8"	3/8"	12	41.5	22
3/8"	1/2"	14	44	27
1/2"	1/4"	12	42	22
1/2"	3/8"	12	42.5	22
1/2"	1/2"	14	45	27
1/2"	3/4"	16	48	32
3/4"	1/2"	14	49	27
3/4"	3/4"	16	52	32
1"	3/4"	16	63	43
1"	1"	18	63	43

* corresponds to outside diameter

Straight connector for flexible tube (Series 1D),
(flare), with male NPT-thread

1



Article-Nr	Connection A	Connection B	Material
1D100MN0312PF	D1/4"	NPT1/2"	PFA
1D100MN0312PN	D1/4"	NPT1/2"	PP-NATUR
1D100MN0312PV	D1/4"	NPT1/2"	PVDF
1D100MN0314PF	D1/4"	NPT1/4"	PFA
1D100MN0314PN	D1/4"	NPT1/4"	PP-NATUR
1D100MN0314PP	D1/4"	NPT1/4"	PP
1D100MN0314PV	D1/4"	NPT1/4"	PVDF
1D100MN0318PF	D1/4"	NPT1/8"	PFA
1D100MN0318PN	D1/4"	NPT1/8"	PP-NATUR
1D100MN0318PV	D1/4"	NPT1/8"	PVDF
1D100MN0338PF	D1/4"	NPT3/8"	PFA
1D100MN0338PN	D1/4"	NPT3/8"	PP-NATUR
1D100MN0338PV	D1/4"	NPT3/8"	PVDF
1D100MN1112PF	D3/8"	NPT1/2"	PFA
1D100MN1112PN	D3/8"	NPT1/2"	PP-NATUR
1D100MN1112PV	D3/8"	NPT1/2"	PVDF
1D100MN1114PF	D3/8"	NPT1/4"	PFA
1D100MN1114PN	D3/8"	NPT1/4"	PP-NATUR
1D100MN1114PV	D3/8"	NPT1/4"	PVDF
1D100MN1118PF	D3/8"	NPT1/8"	PFA
1D100MN1118PN	D3/8"	NPT1/8"	PP-NATUR
1D100MN1118PV	D3/8"	NPT1/8"	PVDF
1D100MN1134PF	D3/8"	NPT3/4"	PFA
1D100MN1138PF	D3/8"	NPT3/8"	PFA
1D100MN1138PN	D3/8"	NPT3/8"	PP-NATUR
1D100MN1138PV	D3/8"	NPT3/8"	PVDF
1D100MN1512PF	D1/2"	NPT1/2"	PFA
1D100MN1512PN	D1/2"	NPT1/2"	PP-NATUR
1D100MN1512PV	D1/2"	NPT1/2"	PVDF
1D100MN1514PF	D1/2"	NPT1/4"	PFA
1D100MN1514PN	D1/2"	NPT1/4"	PP-NATUR
1D100MN1514PV	D1/2"	NPT1/4"	PVDF
1D100MN1518PF	D1/2"	NPT1/8"	PFA
1D100MN1518PN	D1/2"	NPT1/8"	PP-NATUR
1D100MN1534PF	D1/2"	NPT3/4"	PFA
1D100MN1534PN	D1/2"	NPT3/4"	PP-NATUR
1D100MN1534PV	D1/2"	NPT3/4"	PVDF
1D100MN1538PF	D1/2"	NPT3/8"	PFA
1D100MN1538PN	D1/2"	NPT3/8"	PP-NATUR
1D100MN1538PV	D1/2"	NPT3/8"	PVDF
1D100MN20100PF	D3/4"	NPT1"	PFA
1D100MN20100PV	D3/4"	NPT1"	PVDF
1D100MN2012PF	D3/4"	NPT1/2"	PFA
1D100MN2012PN	D3/4"	NPT1/2"	PP-NATUR
1D100MN2012PV	D3/4"	NPT1/2"	PVDF
1D100MN2034PF	D3/4"	NPT3/4"	PFA
1D100MN2034PN	D3/4"	NPT3/4"	PP-NATUR
1D100MN2034PV	D3/4"	NPT3/4"	PVDF
1D100MN24100PF	D1"	NPT1"	PFA
1D100MN24100PN	D1"	NPT1"	PP-NATUR
1D100MN24100PV	D1"	NPT1"	PVDF
1D100MN2412PF	D1"	NPT1/2"	PFA
1D100MN2412PN	D1"	NPT1/2"	PP-NATUR
1D100MN2412PV	D1"	NPT1/2"	PVDF
1D100MN2434PF	D1"-NPT3/4"		PFA
1D100MN2434PN	D1"-NPT3/4"		PP-NATUR
1D100MN2434PV	D1"-NPT3/4"		PVDF
1D100MN4014PN	DN04/06	NPT1/4"	PP-NATUR
1D100MN4314PV	DN06/08	NPT1/4"	PVDF
1D100MN4812PV	DN10/12	NPT1/2"	PVDF

Dimensions 1D100MN...

**Straight connector for flexible tube (Series 1D),
(flare), with male NPT-thread**

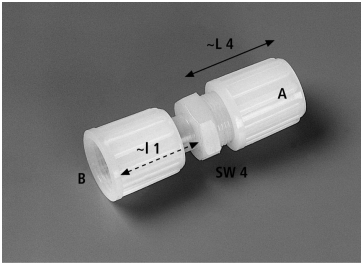
1

A(D*)	B(NPT)	~I3	~L4	SW4
1/4"	1/8"	10	34	14
1/4"	1/4"	15	35	17
1/4"	3/8"	15.3	36	19
1/4"	1/2"	20	37	24
3/8"	1/4"	15	39	22
3/8"	3/8"	15.3	39	22
3/8"	1/2"	20	40	24
1/2"	1/4"	15	41	24
1/2"	3/8"	15.3	41	24
1/2"	1/2"	20	41	24
1/2"	3/4"	20	45	32
3/4"	1/2"	20	49	32
3/4"	3/4"	20	49	32
1"	3/4"	20	60	43
1"	1"	25	60	43

* corresponds to
outside diameter

Straight spacesaver (Series 1D), (flare/spacesaver)

1



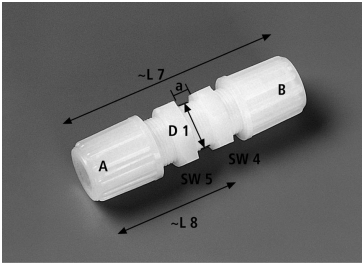
Article-Nr	Connection A	Connection B	Material
1D100SS0311PN	D1/4"	D3/8"	PP-NATUR
1D100SS0315PF	D1/4"	D1/2"	PFA
1D100SS0315PN	D1/4"	D1/2"	PP-NATUR
1D100SS1115PF	D3/8"	D1/2"	PFA
1D100SS1115PN	D3/8"	D1/2"	PP-NATUR
1D100SS1120PF	D3/8"	D3/4"	PFA
1D100SS1120PN	D3/8"	D3/4"	PP-NATUR
1D100SS11PF	D3/8"	D3/8"	PFA
1D100SS11PN	D3/8"	D3/8"	PP-NATUR
1D100SS11PV	D3/8"	D3/8"	PVDF
1D100SS1511PF	D1/2"	D3/8"	PFA
1D100SS1520PF	D1/2"	D3/4"	PFA
1D100SS1520PN	D1/2"	D3/4"	PP-NATUR
1D100SS15PF	D1/2"	D1/2"	PFA
1D100SS15PN	D1/2"	D1/2"	PP-NATUR
1D100SS15PV	D1/2"	D1/2"	PVDF
1D100SS2011PF	D3/4"	D3/8"	PFA
1D100SS2024PF	D3/4"	D1"	PFA
1D100SS2024PN	D3/4"	D1"	PP-NATUR
1D100SS20PV	D3/4"	D3/4"	PVDF
1D100SS2420PF	D1"	D3/4"	PFA
1D100SS2420PN	D1"	D3/4"	PP-NATUR

Dimensions 1D100SS...

A(D*)	B(D*)	~I1	~L4	SW4
3/8"	3/8"	51	39	22
1/2"	1/2"	53	41	24

* corresponds to outside diameter

Straight bulkhead union for flexible tube on both ends (Series 1D) , (flare/flare)



Article-Nr	Connection A	Connection B	Material
1D101T03PF	D1/4"	D1/4"	PFA
1D101T03PN	D1/4"	D1/4"	PP-NATUR
1D101T03PV	D1/4"	D1/4"	PVDF
1D101T11PF	D3/8"	D3/8"	PFA
1D101T11PN	D3/8"	D3/8"	PP-NATUR
1D101T11PV	D3/8"	D3/8"	PVDF
1D101T1503PN	D1/2"	D1/4"	PP-NATUR
1D101T1511PF	D1/2"	D3/8"	PFA
1D101T1511PV	D1/2"	D3/8"	PVDF
1D101T15PF	D1/2"	D1/2"	PFA
1D101T15PN	D1/2"	D1/2"	PP-NATUR
1D101T15PV	D1/2"	D1/2"	PVDF
1D101T2015PF	D3/4"	D1/2"	PFA
1D101T2015PV	D3/4"	D1/2"	PVDF
1D101T20PF	D3/4"	D3/4"	PFA
1D101T20PN	D3/4"	D3/4"	PP-NATUR
1D101T20PV	D3/4"	D3/4"	PVDF
1D101T24PN	D1"	D1"	PP-NATUR
1D101T24PV	D1"	D1"	PVDF

Dimensions 1D101T...

A(D*)	B(D*)	~L7	~L8	SW4	SW5	ØD1	a
1/4"	1/4"	77	41	17	17	13	6.35
3/8"	3/8"	85	46	22	22	16	6.35
1/2"	1/2"	89	48	24	24	20	6.35
3/4"	3/4"	100	53	32	30	26	6.35
1"	1"	118	58	43	46	37	6.35

* corresponds to outside diameter

**Elbow connector for flexible tube (Series 1D),
(flare), with male G-thread**

1



Article-Nr	Connection A	Connection B	Material
1D200MG0314PN	D1/4"	G1/4"	PP-NATUR
1D200MG0314PV	D1/4"	G1/4"	PVDF
1D200MG1112PV	D3/8"	G1/2"	PVDF
1D200MG1114PF	D3/8"	G1/4"	PFA
1D200MG1114PN	D3/8"	G1/4"	PP-NATUR
1D200MG1114PV	D3/8"	G1/4"	PVDF
1D200MG1138PN	D3/8"	G3/8"	PP-NATUR
1D200MG1138PV	D3/8"	G3/8"	PVDF
1D200MG1512PF	D1/2"	G1/2"	PFA
1D200MG1512PN	D1/2"	G1/2"	PP-NATUR
1D200MG1512PV	D1/2"	G1/2"	PVDF
1D200MG1514PF	D1/2"	G1/4"	PFA
1D200MG1514PN	D1/2"	G1/4"	PP-NATUR
1D200MG1514PV	D1/2"	G1/4"	PVDF
1D200MG1538PF	D1/2"	G3/8"	PFA
1D200MG1538PV	D1/2"	G3/8"	PVDF
1D200MG2012PF	D3/4"	G1/2"	PFA
1D200MG2012PV	D3/4"	G1/2"	PVDF
1D200MG2034PN	D3/4"	G3/4"	PP-NATUR
1D200MG2034PV	D3/4"	G3/4"	PVDF

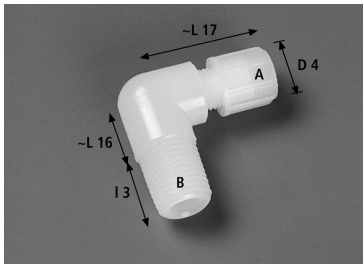
Dimensions 1D200MG...

A(D*)	B(G)	~L2	~L16	~L17	ØD4
1/4"	1/8"	8	15	38	15
1/4"	1/4"	12	15	38	15
1/4"	3/8"	12	15	41	20
1/4"	1/2"	14	15	44	25
3/8"	1/4"	12	18	44	20
3/8"	3/8"	12	18	44	20
3/8"	1/2"	14	18	47	25
1/2"	1/4"	12	22	48	25
1/2"	3/8"	12	22	48	25
1/2"	1/2"	14	22	48	25
1/2"	3/4"	16	25	52	30
3/4"	1/2"	14	25	56	30
3/4"	3/4"	16	25	56	30
1"	3/4"	16	30	68	45
1"	1"	18	30	68	45

* corresponds to outside diameter

Elbow connector for flexible tube (Series 1D),
(flare), with male NPT-thread

1



Article-Nr	Connection A	Connection B	Material
1D200MN0312PF	D1/4"	NPT1/2"	PFA
1D200MN0312PN	D1/4"	NPT1/2"	PP-NATUR
1D200MN0314PF	D1/4"	NPT1/4"	PFA
1D200MN0314PN	D1/4"	NPT1/4"	PP-NATUR
1D200MN0314PP	D1/4"	NPT1/4"	PP
1D200MN0314PV	D1/4"	NPT1/4"	PVDF
1D200MN0318PF	D1/4"	NPT1/8"	PFA
1D200MN0318PN	D1/4"	NPT1/8"	PP-NATUR
1D200MN0318PV	D1/4"	NPT1/8"	PVDF
1D200MN0338PF	D1/4"	NPT3/8"	PFA
1D200MN0338PN	D1/4"	NPT3/8"	PP-NATUR
1D200MN1112PF	D3/8"	NPT1/2"	PFA
1D200MN1112PN	D3/8"	NPT1/2"	PP-NATUR
1D200MN1112PV	D3/8"	NPT1/2"	PVDF
1D200MN1114PF	D3/8"	NPT1/4"	PFA
1D200MN1114PN	D3/8"	NPT1/4"	PP-NATUR
1D200MN1114PV	D3/8"	NPT1/4"	PVDF
1D200MN1118PF	D3/8"	NPT1/8"	PFA
1D200MN1134PF	D3/8"	NPT3/4"	PFA
1D200MN1134PN	D3/8"	NPT3/4"	PP-NATUR
1D200MN1134PV	D3/8"	NPT3/4"	PVDF
1D200MN1138PF	D3/8"	NPT3/8"	PFA
1D200MN1138PN	D3/8"	NPT3/8"	PP-NATUR
1D200MN1138PV	D3/8"	NPT3/8"	PVDF
1D200MN1512PF	D1/2"	NPT1/2"	PFA
1D200MN1512PN	D1/2"	NPT1/2"	PP-NATUR
1D200MN1512PV	D1/2"	NPT1/2"	PVDF
1D200MN1514PF	D1/2"	NPT1/4"	PFA
1D200MN1514PN	D1/2"	NPT1/4"	PP-NATUR
1D200MN1514PV	D1/2"	NPT1/4"	PVDF
1D200MN1534PF	D1/2"	NPT3/4"	PFA
1D200MN1534PN	D1/2"	NPT3/4"	PP-NATUR
1D200MN1534PV	D1/2"	NPT3/4"	PVDF
1D200MN1538PF	D1/2"	NPT3/8"	PFA
1D200MN1538PN	D1/2"	NPT3/8"	PP-NATUR
1D200MN1538PV	D1/2"	NPT3/8"	PVDF
1D200MN2012PF	D3/4"	NPT1/2"	PFA
1D200MN2012PN	D3/4"	NPT1/2"	PP-NATUR
1D200MN2012PV	D3/4"	NPT1/2"	PVDF
1D200MN2034PF	D3/4"	NPT3/4"	PFA
1D200MN2034PN	D3/4"	NPT3/4"	PP-NATUR
1D200MN2034PV	D3/4"	NPT3/4"	PVDF
1D200MN24100PF	D1"	NPT1"	PFA
1D200MN24100PN	D1"	NPT1"	PP-NATUR
1D200MN24100PV	D1"	NPT1"	PVDF
1D200MN2412PV	D1"	NPT1/2"	PVDF
1D200MN2434PV	D1"	NPT3/4"	PVDF

Dimensions 1D200MN. . .

A(D*)	B(NPT)	~I3	~L16	~L17	ØD4
1/4"	1/8"	10	15	38	15
1/4"	1/4"	15	15	38	15
1/4"	3/8"	15.3	15	41	20
1/4"	1/2"	20	15	44	25
3/8"	1/4"	15	18	44	20
3/8"	3/8"	15.3	18	44	20
3/8"	1/2"	20	18	47	25
1/2"	1/4"	15	22	48	25
1/2"	3/8"	15.3	22	48	25
1/2"	1/2"	20	22	48	25
1/2"	3/4"	20	25	52	30

.....continued on the next page

**Elbow connector for flexible tube (Series 1D),
(flare), with male NPT-thread**

1

A(D*)	B(NPT)	~I3	~L16	~L17	ØD4
3/4"	1/2"	20	25	56	30
3/4"	3/4"	20	25	56	30
1"	3/4"	20	30	68	45
1"	1"	25	30	68	45

* corresponds to outside diameter



Article-Nr	Connection A	Connection B	Material
1D200SS0311PN	D1/4"	D3/8"	PP-NATUR
1D200SS03PF	D1/4"	D1/4"	PFA
1D200SS03PN	D1/4"	D1/4"	PP-NATUR
1D200SS03PV	D1/4"	D1/4"	PVDF
1D200SS1103PN	D3/8"	D1/4"	PP-NATUR
1D200SS1115PF	D3/8"	D1/2"	PFA
1D200SS11PF	D3/8"	D3/8"	PFA
1D200SS11PN	D3/8"	D3/8"	PP-NATUR
1D200SS11PV	D3/8"	D3/8"	PVDF
1D200SS1511PF	D1/2"	D3/8"	PFA
1D200SS15PF	D1/2"	D1/2"	PFA
1D200SS15PN	D1/2"	D1/2"	PP-NATUR
1D200SS15PV	D1/2"	D1/2"	PVDF
1D200SS2015PF	D3/4"	D1/2"	PFA
1D200SS2024PF	D3/4"	D1"	PFA
1D200SS20PF	D3/4"	D3/4"	PFA
1D200SS20PN	D3/4"	D3/4"	PP-NATUR
1D200SS20PV	D3/4"	D3/4"	PVDF
1D200SS24PF	D1"	D1"	PFA
1D200SS24PN	D1"	D1"	PP-NATUR
1D200SS24PV	D1"	D1"	PVDF

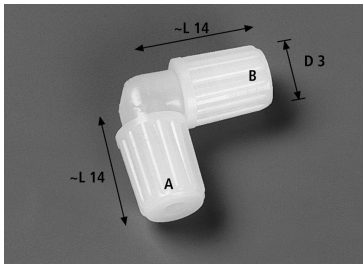
Dimensions 1D200SS...

A(D*)	B(D*)	~L1	~L14	~L18	ØD3
1/4"	1/4"	46	41	12	15
3/8"	3/8"	51	47	15	20
1/2"	1/2"	53	51	18	25
3/4"	3/4"	61	57	20	30
1"	1"	66	69	24	45

* corresponds to outside diameter

Elbow union for flexible tube on both ends (Series 1D) , (flare/flare)

1



Article-Nr	Connection A	Connection B	Material
1D200T03PF	D1/4"	D1/4"	PFA
1D200T03PN	D1/4"	D1/4"	PP-NATUR
1D200T03PV	D1/4"	D1/4"	PVDF
1D200T1103PF	D3/8"	D1/4"	PFA
1D200T1103PN	D3/8"	D1/4"	PP-NATUR
1D200T11PF	D3/8"	D3/8"	PFA
1D200T11PN	D3/8"	D3/8"	PP-NATUR
1D200T11PV	D3/8"	D3/8"	PVDF
1D200T1503PF	D1/2"	D1/4"	PFA
1D200T1503PN	D1/2"	D1/4"	PP-NATUR
1D200T1511PF	D1/2"	D3/8"	PFA
1D200T1511PN	D1/2"	D3/8"	PP-NATUR
1D200T1511PV	D1/2"	D3/8"	PVDF
1D200T15PF	D1/2"	D1/2"	PFA
1D200T15PN	D1/2"	D1/2"	PP-NATUR
1D200T15PV	D1/2"	D1/2"	PVDF
1D200T2003PF	D3/4"	D1/4"	PFA
1D200T2003PN	D3/4"	D1/4"	PP-NATUR
1D200T2011PV	D3/4"	D3/8"	PVDF
1D200T2015PF	D3/4"	D1/2"	PFA
1D200T2015PN	D3/4"	D1/2"	PP-NATUR
1D200T2015PV	D3/4"	D1/2"	PVDF
1D200T20PF	D3/4"	D3/4"	PFA
1D200T20PN	D3/4"	D3/4"	PP-NATUR
1D200T20PV	D3/4"	D3/4"	PVDF
1D200T2420PV	D1"	D3/4"	PVDF
1D200T24PF	D1"	D1"	PFA
1D200T24PN	D1"	D1"	PP-NATUR
1D200T24PV	D1"	D1"	PVDF

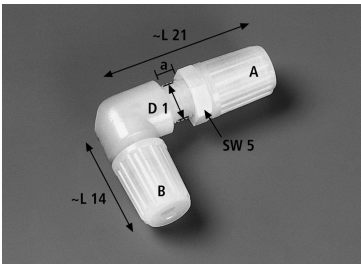
Dimensions 1D200T . . .

A(D*)	B(D*)	~L14	ØD3
1/4"	1/4"	41	15
3/8"	3/8"	47	20
1/2"	1/2"	51	25
3/4"	3/4"	57	30
1"	1"	69	45

* corresponds to outside diameter

Bulkhead elbow union for flexible tube on both ends (Series 1D) , (flare/flare)

1



Article-Nr	Connection A	Connection B	Material
1D201T03PF	D1/4"	D1/4"	PFA
1D201T03PN	D1/4"	D1/4"	PP-NATUR
1D201T03PV	D1/4"	D1/4"	PVDF
1D201T1103PF	D3/8"	D1/4"	PFA
1D201T11PF	D3/8"	D3/8"	PFA
1D201T11PN	D3/8"	D3/8"	PP-NATUR
1D201T11PV	D3/8"	D3/8"	PVDF
1D201T15PF	D1/2"	D1/2"	PFA
1D201T15PN	D1/2"	D1/2"	PP-NATUR
1D201T15PV	D1/2"	D1/2"	PVDF
1D201T20PF	D3/4"	D3/4"	PFA
1D201T20PN	D3/4"	D3/4"	PP-NATUR
1D201T20PV	D3/4"	D3/4"	PVDF

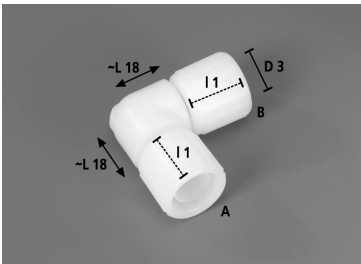
Dimensions 1D201T...

A(D*)	B(D*)	~L14	~L21	SW5	ØD1	a
1/4"	1/4"	41	54	17	13	6.35
3/8"	3/8"	47	61	22	16	6.35
1/2"	1/2"	51	66	24	20	6.35
3/4"	3/4"	57	70	30	26	6.35
1"	1"	69	83	46	37	6.35

* corresponds to outside diameter

Elbow spacesaver series 1D (spacesaver/spacesaver)

1



Article-Nr	Connection A	Connection B	Material
1D240SS03PF	D1/4"	D1/4"	PFA
1D240SS03PN	D1/4"	D1/4"	PP-NATUR
1D240SS11PF	D3/8"	D3/8"	PFA
1D240SS11PN	D3/8"	D3/8"	PP-NATUR
1D240SS11PV	D3/8"	D3/8"	PVDF
1D240SS1511PN	D1/2"	D3/8"	PP-NATUR
1D240SS15PF	D1/2"	D1/2"	PFA
1D240SS15PN	D1/2"	D1/2"	PP-NATUR
1D240SS20PF	D3/4"	D3/4"	PFA
1D240SS20PN	D3/4"	D3/4"	PP-NATUR
1D240SS20PV	D3/4"	D3/4"	PVDF
1D240SS2420PV	D1"	D3/4"	PVDF
1D240SS24PF	D1"	D1"	PFA
1D240SS24PN	D1"	D1"	PP-NATUR

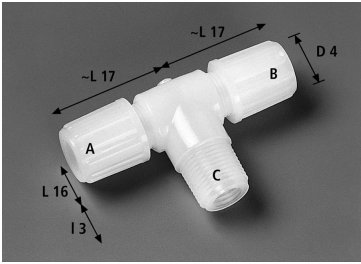
Dimensions 1D240SS...

A(D*)	B(D*)	~l1	~L18	ØD3
1/4"	1/4"	46	12	15
3/8"	3/8"	51	15	20
1/2"	1/2"	53	18	25
3/4"	3/4"	61	20	30
1"	1"	66	24	45

* corresponds to outside diameter

**T-connector for flexible tube (Series 1D), (flare),
with male NPT-thread**

1



Article-Nr	Connection A	Connection B	Connection C	Material
1D300MN0314PF	D1/4"	D1/4"	NPT1/4"	PFA
1D300MN0314PN	D1/4"	D1/4"	NPT1/4"	PP-NATUR
1D300MN0314PV	D1/4"	D1/4"	NPT1/4"	PVDF
1D300MN0318PF	D1/4"	D1/4"	NPT1/8"	PFA
1D300MN0318PV	D1/4"	D1/4"	NPT1/8"	PVDF
1D300MN1112PF	D3/8"	D3/8"	NPT1/2"	PFA
1D300MN1112PN	D3/8"	D3/8"	NPT1/2"	PP-NATUR
1D300MN1112PV	D3/8"	D3/8"	NPT1/2"	PVDF
1D300MN1114PF	D3/8"	D3/8"	NPT1/4"	PFA
1D300MN1114PN	D3/8"	D3/8"	NPT1/4"	PP-NATUR
1D300MN1114PV	D3/8"	D3/8"	NPT1/4"	PVDF
1D300MN1138PF	D3/8"	D3/8"	NPT3/8"	PFA
1D300MN1138PN	D3/8"	D3/8"	NPT3/8"	PP-NATUR
1D300MN1138PV	D3/8"	D3/8"	NPT3/8"	PVDF
1D300MN1512PF	D1/2"	D1/2"	NPT1/2"	PFA
1D300MN1512PN	D1/2"	D1/2"	NPT1/2"	PP-NATUR
1D300MN1512PV	D1/2"	D1/2"	NPT1/2"	PVDF
1D300MN1514PF	D1/2"	D1/2"	NPT1/4"	PFA
1D300MN1514PN	D1/2"	D1/2"	NPT1/4"	PP-NATUR
1D300MN1514PV	D1/2"	D1/2"	NPT1/4"	PVDF
1D300MN1534PN	D1/2"	D1/2"	NPT3/4"	PP-NATUR
1D300MN1534PV	D1/2"	D1/2"	NPT3/4"	PVDF
1D300MN1538PF	D1/2"	D1/2"	NPT3/8"	PFA
1D300MN1538PV	D1/2"	D1/2"	NPT3/8"	PVDF
1D300MN2012PF	D3/4"	D3/4"	NPT1/2"	PFA
1D300MN2012PN	D3/4"	D3/4"	NPT1/2"	PP-NATUR
1D300MN2012PV	D3/4"	D3/4"	NPT1/2"	PVDF
1D300MN2014PF	D3/4"	D3/4"	NPT1/4"	PFA
1D300MN2014PN	D3/4"	D3/4"	NPT1/4"	PP-NATUR
1D300MN2034PF	D3/4"	D3/4"	NPT3/4"	PFA
1D300MN2034PN	D3/4"	D3/4"	NPT3/4"	PP-NATUR
1D300MN2034PV	D3/4"	D3/4"	NPT3/4"	PVDF
1D300MN2434PF	D1"	D1"	NPT3/4"	PFA
1D300MN2434PN	D1"	D1"	NPT3/4"	PP-NATUR

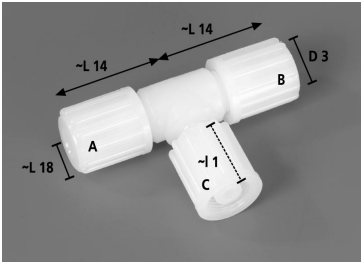
Dimensions 1D300MN. . .

A(D*)	B(D*)	C(NPT)	~I3	~L16	~L17	ØD4
1/4"	1/4"	1/8"	10	15	38	15
1/4"	1/4"	1/4"	15	15	38	15
3/8"	3/8"	1/4"	15	18	44	20
3/8"	3/8"	3/8"	15.3	18	44	20
3/8"	3/8"	1/2"	20	18	47	25
1/2"	1/2"	1/4"	15	22	48	25
1/2"	1/2"	3/8"	15.3	22	48	25
1/2"	1/2"	1/2"	20	22	48	25
1/2"	1/2"	3/4"	20	25	52	30
3/4"	3/4"	1/4"	15	25	56	30
3/4"	3/4"	1/2"	20	25	56	30
3/4"	3/4"	3/4"	20	25	56	30
1"	1"	3/4"	20	30	68	45
1"	1"	1"	25	30	68	45

* corresponds to outside diameter

T-spacesaver for flexible tube (Series 1D), (flare/flare/spacesaver)

1



Article-Nr	Connection A	Connection B	Connection C	Material
1D300SS03PF	D1/4"	D1/4"	D1/4"	PFA
1D300SS03PN	D1/4"	D1/4"	D1/4"	PP-NATUR
1D300SS111103PF	D3/8"	D3/8"	D1/4"	PFA
1D300SS11PF	D3/8"	D3/8"	D3/8"	PFA
1D300SS11PN	D3/8"	D3/8"	D3/8"	PP-NATUR
1D300SS151511PF	D1/2"	D1/2"	D3/8"	PFA
1D300SS151511PN	D1/2"	D1/2"	D3/8"	PP-NATUR
1D300SS151520PN	D1/2"	D1/2"	D3/4"	PP-NATUR
1D300SS15PF	D1/2"	D1/2"	D1/2"	PFA
1D300SS15PN	D1/2"	D1/2"	D1/2"	PP-NATUR
1D300SS202015PF	D3/4"	D3/4"	D1/2"	PFA
1D300SS202015PN	D3/4"	D3/4"	D1/2"	PP-NATUR
1D300SS20PF	D3/4"	D3/4"	D3/4"	PFA
1D300SS20PN	D3/4"	D3/4"	D3/4"	PP-NATUR
1D300SS20PV	D3/4"	D3/4"	D3/4"	PVDF
1D300SS242420PN	D1"	D1"	D3/4"	PP-NATUR
1D300SS24PF	D1"	D1"	D1"	PFA
1D300SS24PN	D1"	D1"	D1"	PP-NATUR

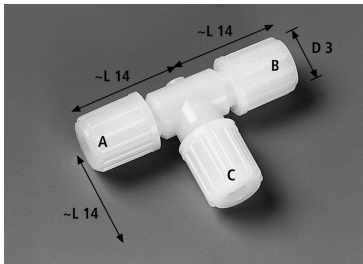
Dimensions 1D300SS...

A(D*)	B(D*)	C(D*)	~l1	~L14	~L18	ØD3
1/4"	1/4"	1/4"	46	41	12	15
3/8"	3/8"	3/8"	51	47	15	20
1/2"	1/2"	1/2"	53	51	18	25
3/4"	3/4"	3/4"	61	57	20	30
1"	1"	1"	66	68	24	45

* corresponds to outside diameter

T-union for flexible tube on all ends (Series 1D) ,
(flare/flare/flare)

1



Article-Nr	Connection A	Connection B	Connection C	Material
1D300T030311PF	D1/4"	D1/4"	D3/8"	PFA
1D300T030311PN	D1/4"	D1/4"	D3/8"	PP-NATUR
1D300T03PF	D1/4"	D1/4"	D1/4"	PFA
1D300T03PN	D1/4"	D1/4"	D1/4"	PP-NATUR
1D300T03PV	D1/4"	D1/4"	D1/4"	PVDF
1D300T110303PV	D3/8"	D1/4"	D1/4"	PVDF
1D300T111103PF	D3/8"	D3/8"	D1/4"	PFA
1D300T111103PN	D3/8"	D3/8"	D1/4"	PP-NATUR
1D300T111115PF	D3/8"	D3/8"	D1/2"	PFA
1D300T111115PN	D3/8"	D3/8"	D1/2"	PP-NATUR
1D300T11PF	D3/8"	D3/8"	D3/8"	PFA
1D300T11PN	D3/8"	D3/8"	D3/8"	PP-NATUR
1D300T11PV	D3/8"	D3/8"	D3/8"	PVDF
1D300T150303PN	D1/2"	D1/4"	D1/4"	PP-NATUR
1D300T150303PV	D1/2"	D1/4"	D1/4"	PVDF
1D300T150315PF	D1/2"	D1/4"	D1/2"	PFA
1D300T150315PN	D1/2"	D1/4"	D1/2"	PP-NATUR
1D300T151111PN	D1/2"	D3/8"	D3/8"	PP-NATUR
1D300T151503PF	D1/2"	D1/2"	D1/4"	PFA
1D300T151503PN	D1/2"	D1/2"	D1/4"	PP-NATUR
1D300T151511PF	D1/2"	D1/2"	D3/8"	PFA
1D300T151511PN	D1/2"	D1/2"	D3/8"	PP-NATUR
1D300T151511PV	D1/2"	D1/2"	D3/8"	PVDF
1D300T151520PF	D1/2"	D1/2"	D3/4"	PFA
1D300T151520PN	D1/2"	D1/2"	D3/4"	PP-NATUR
1D300T15PF	D1/2"	D1/2"	D1/2"	PFA
1D300T15PN	D1/2"	D1/2"	D1/2"	PP-NATUR
1D300T15PV	D1/2"	D1/2"	D1/2"	PVDF
1D300T201515PF	D3/4"	D1/2"	D1/2"	PFA
1D300T201515PN	D3/4"	D1/2"	D1/2"	PP-NATUR
1D300T202003PF	D3/4"	D3/4"	D1/4"	PFA
1D300T202003PN	D3/4"	D3/4"	D1/4"	PP-NATUR
1D300T202011PF	D3/4"	D3/4"	D3/8"	PFA
1D300T202011PN	D3/4"	D3/4"	D3/8"	PP-NATUR
1D300T202015PF	D3/4"	D3/4"	D1/2"	PFA
1D300T202015PN	D3/4"	D3/4"	D1/2"	PP-NATUR
1D300T20PF	D3/4"	D3/4"	D3/4"	PFA
1D300T20PN	D3/4"	D3/4"	D3/4"	PP-NATUR
1D300T20PV	D3/4"	D3/4"	D3/4"	PVDF
1D300T242024PF	D1"	D3/4"	D1"	PFA
1D300T242024PN	D1"	D3/4"	D1"	PP-NATUR
1D300T242415PF	D1"	D1"	D1/2"	PFA
1D300T242415PN	D1"	D1"	D1/2"	PP-NATUR
1D300T242420PF	D1"	D1"	D3/4"	PFA
1D300T242420PN	D1"	D1"	D3/4"	PP-NATUR
1D300T24PF	D1"	D1"	D1"	PFA
1D300T24PN	D1"	D1"	D1"	PP-NATUR
1D300T24PV	D1"	D1"	D1"	PVDF
1D300T43PP	DN06/08	DN06/08	DN06/08	PP

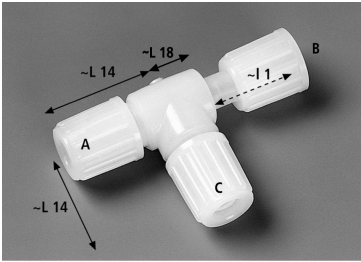
Dimensions 1D300T . . .

A(D*)	B(D*)	C(D*)	~L14	ØD3
1/4"	1/4"	1/4"	41	15
3/8"	3/8"	3/8"	47	20
1/2"	1/2"	1/2"	51	25
3/4"	3/4"	3/4"	57	30
1"	1"	1"	68	45

* corresponds to outside diameter

T-spacesaver for flexible tube (Series 1D), (flare/spacesaver/flare)

1



Article-Nr	Connection A	Connection B	Connection C	Material
1D310SS03PF	D1/4"	D1/4"	D1/4"	PFA
1D310SS03PN	D1/4"	D1/4"	D1/4"	PP-NATUR
1D310SS11PF	D3/8"	D3/8"	D3/8"	PFA
1D310SS11PN	D3/8"	D3/8"	D3/8"	PP-NATUR
1D310SS11PV	D3/8"	D3/8"	D3/8"	PVDF
1D310SS151503PF	D1/2"	D1/2"	D1/4"	PFA
1D310SS151503PN	D1/2"	D1/2"	D1/4"	PP-NATUR
1D310SS15PF	D1/2"	D1/2"	D1/2"	PFA
1D310SS15PN	D1/2"	D1/2"	D1/2"	PP-NATUR
1D310SS15PV	D1/2"	D1/2"	D1/2"	PVDF
1D310SS202011PF	D3/4"	D3/4"	D3/8"	PFA
1D310SS202011PN	D3/4"	D3/4"	D3/8"	PP-NATUR
1D310SS20PF	D3/4"	D3/4"	D3/4"	PFA
1D310SS20PN	D3/4"	D3/4"	D3/4"	PP-NATUR
1D310SS20PV	D3/4"	D3/4"	D3/4"	PVDF
1D310SS242420PV	D1"	D1"	D3/4"	PVDF
1D310SS24PV	D1"	D1"	D1"	PVDF

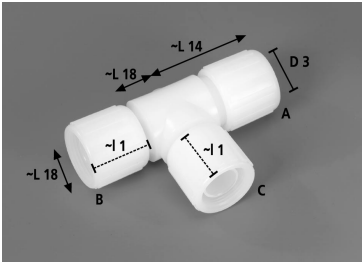
Dimensions 1D310SS...

A(D*)	B(D*)	C(D*)	~L1	~L14	~L18
1/4"	1/4"	1/4"	46	41	12
3/8"	3/8"	3/8"	51	47	15
1/2"	1/2"	1/2"	53	51	18
3/4"	3/4"	3/4"	61	57	20
1"	1"	1"	66	68	24

* corresponds to outside diameter

**T-spacesaver for flexible tube (Series 1D),
(flare/spacesaver/spacesaver)**

1



Article-Nr	Connection A	Connection B	Connection C	Material
1D320SS03PF	D1/4"	D1/4"	D1/4"	PFA
1D320SS03PN	D1/4"	D1/4"	D1/4"	PP-NATUR
1D320SS11PF	D3/8"	D3/8"	D3/8"	PFA
1D320SS11PN	D3/8"	D3/8"	D3/8"	PP-NATUR
1D320SS15PF	D1/2"	D1/2"	D1/2"	PFA
1D320SS15PN	D1/2"	D1/2"	D1/2"	PP-NATUR
1D320SS20PF	D3/4"	D3/4"	D3/4"	PFA
1D320SS20PN	D3/4"	D3/4"	D3/4"	PP-NATUR
1D320SS24PF	D1"	D1"	D1"	PFA
1D320SS24PN	D1"	D1"	D1"	PP-NATUR

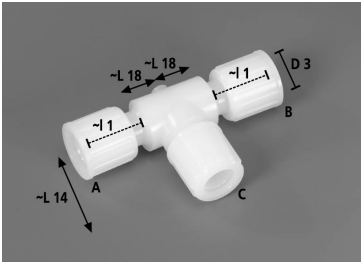
Dimensions 1D320SS...

A(D*)	B(D*)	C(D*)	~l1	~L14	~L18	ØD3
1/4"	1/4"	1/4"	46	41	12	15
3/8"	3/8"	3/8"	51	47	15	20
1/2"	1/2"	1/2"	53	51	18	25
3/4"	3/4"	3/4"	61	57	20	30
1"	1"	1"	66	68	24	45

* corresponds to outside diameter

T-spacesaver for flexible tube (Series 1D), (spacesaver/spacesaver/flare)

1



Article-Nr	Connection A	Connection B	Connection C	Material
1D330SS03PF	D1/4"	D1/4"	D1/4"	PFA
1D330SS03PN	D1/4"	D1/4"	D1/4"	PP-NATUR
1D330SS11PF	D3/8"	D3/8"	D3/8"	PFA
1D330SS11PN	D3/8"	D3/8"	D3/8"	PP-NATUR
1D330SS15PF	D1/2"	D1/2"	D1/2"	PFA
1D330SS15PN	D1/2"	D1/2"	D1/2"	PP-NATUR
1D330SS20PF	D3/4"	D3/4"	D3/4"	PFA
1D330SS20PN	D3/4"	D3/4"	D3/4"	PP-NATUR
1D330SS20PV	D3/4"	D3/4"	D3/4"	PVDF
1D330SS242024PV	D1"	D3/4"	D1"	PVDF
1D330SS24PF	D1"	D1"	D1"	PFA
1D330SS24PN	D1"	D1"	D1"	PP-NATUR

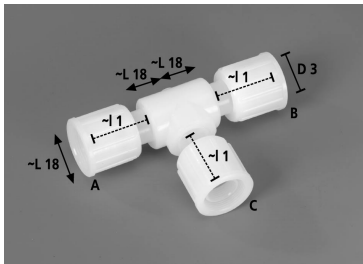
Dimensions 1D330SS...

A(D*)	B(D*)	C(D*)	~l	~L14	~L18	ØD3
1/4"	1/4"	1/4"	46	41	12	15
3/8"	3/8"	3/8"	51	47	15	20
1/2"	1/2"	1/2"	53	51	18	25
3/4"	3/4"	3/4"	61	57	20	30
1"	1"	1"	66	68	24	45

* corresponds to outside diameter

T-spacesaver for flexible tube (Series 1D), (spacesaver/spacesaver/spacesaver)

1



Article-Nr	Connection A	Connection B	Connection C	Material
1D340SS03PF	D1/4"	D1/4"	D1/4"	PFA
1D340SS03PN	D1/4"	D1/4"	D1/4"	PP-NATUR
1D340SS11PF	D3/8"	D3/8"	D3/8"	PFA
1D340SS11PN	D3/8"	D3/8"	D3/8"	PP-NATUR
1D340SS15PF	D1/2"	D1/2"	D1/2"	PFA
1D340SS15PN	D1/2"	D1/2"	D1/2"	PP-NATUR
1D340SS20PF	D3/4"	D3/4"	D3/4"	PFA
1D340SS20PN	D3/4"	D3/4"	D3/4"	PP-NATUR
1D340SS24PF	D1"	D1"	D1"	PFA
1D340SS24PN	D1"	D1"	D1"	PP-NATUR

Dimensions 1D340SS...

A(D*)	B(D*)	C(D*)	~l 1	~L 18	ØD3
1/4"	1/4"	1/4"	46	12	15
3/8"	3/8"	3/8"	51	15	20
1/2"	1/2"	1/2"	53	18	25
3/4"	3/4"	3/4"	61	20	30
1"	1"	1"	66	24	45

* corresponds to outside diameter