

PVDF FITTINGS / PUSH-ON FITTINGS

					
p. 9 / 2900	p. 9 / 2905	p. 9 / 2910	p. 10 / 2915	p. 10 / 2930	p. 10 / 2935
					
p. 10 / 2940	p. 11 / 2943	p. 11 / 2950	p. 11 / 2955	p. 11 / 2960	p. 12 / 2965
					
p. 12 / 2970	p. 12 / 2230				

PVDF FITTINGS / BARB CONNECTOR

					
p. 15 / 5905	p. 16 / 5910	p. 17 / 5920	p. 18 / 5925	p. 18 / 5930	p. 19 / 5935
					
p. 19 / 5940	p. 19 / 5945	p. 20 / 5950	p. 20 / 5955	p. 20 / 5960	p. 21 / 5090

PVDF FITTINGS / STANDARD FITTINGS

					
p. 23 / 1900	p. 23 / 1902	p. 23 / 1910	p. 23 / 1912	p. 24 / 1920	p. 24 / 1925
					
p. 24 / 1927	p. 25 / 1930	p. 25 / 1932	p. 25 / 1934	p. 25 / 1940	p. 26 / 1950
					
p. 26 / 1955					

PVDF SERIES / DUALTECH MANUAL VALVES



p. 28 / **9020-PVDF**



p. 29 / **9020**

PVDF SERIES / TECHNICAL TUBES



p. 33 / **PTFE-C**



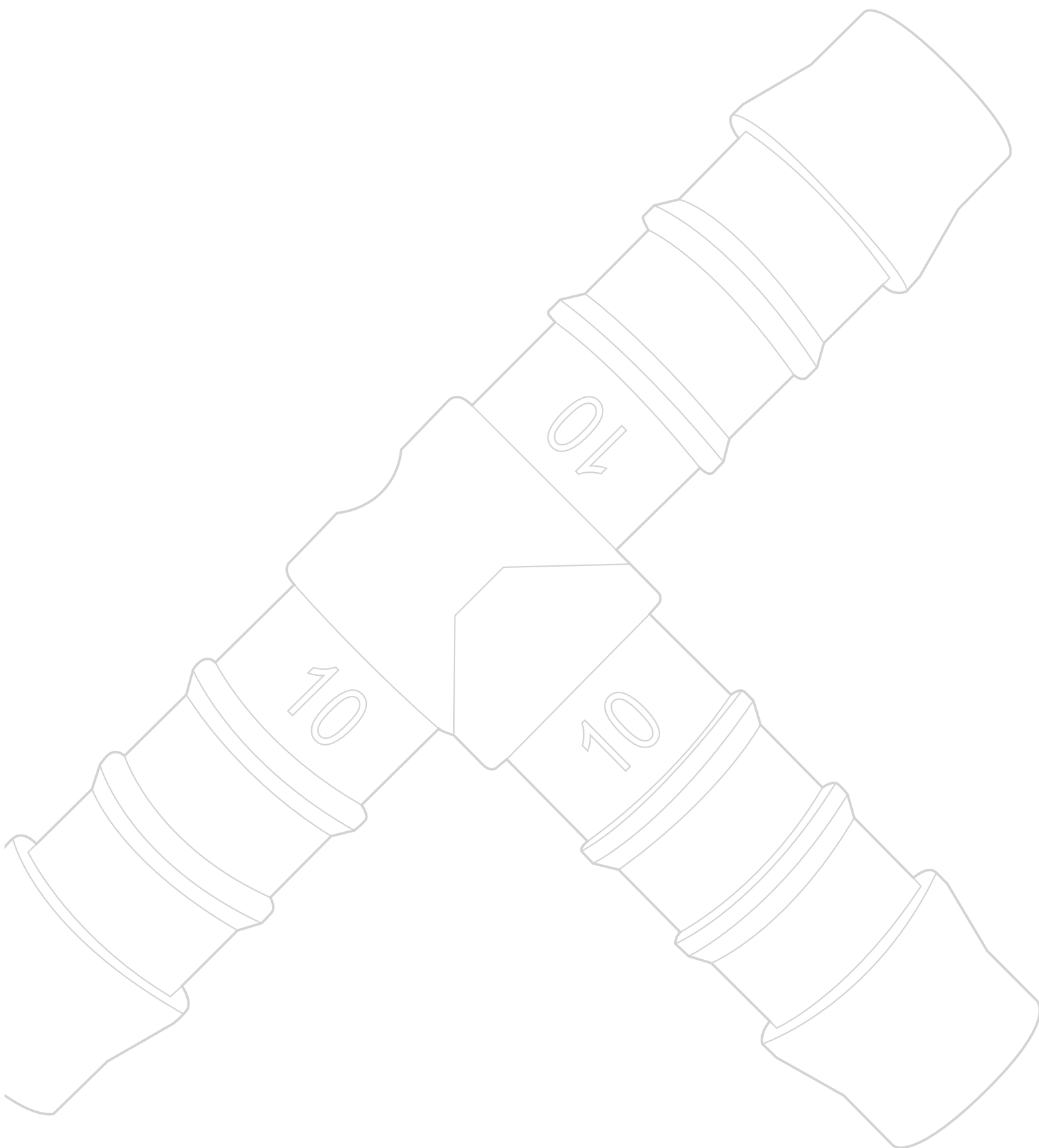
p. 33 / **PTFE-C-BX**

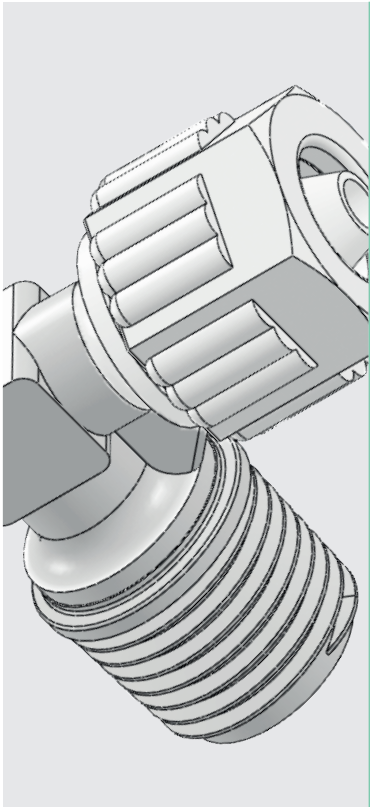


p. 35 / **FEP**



p. 35 / **FEP-BX**





-20°C ÷ +120°C
subject to applications



Working pressure:
14 Bar (at 20°C)



Compressed air, water and
fluids suitable with construction
materials



- Taper gas BSPT ISO 7
from R1/8" to R3/4"
- Parallel gas BSPP ISO 228
G1/8" and G1/4"



Polyurethane, Polyethylene,
Polyamide, PTFE, FEP



Body: Polyvinylidene fluoride (PVDF)

Lock nut: Polypropylene

O-ring: Silicone (2900)
Viton (2943)

AVAILABILITY:

- NPT threads with inch tube available on demand



Food contact materials
EC 1935/2004



D.M. 174/2004



NSF 51 / NSF 372
NSF certificate on behalf
of Tefen Flow and Dosing
Technologies Ltd.



Products in compliance with
the directive 1907/2006

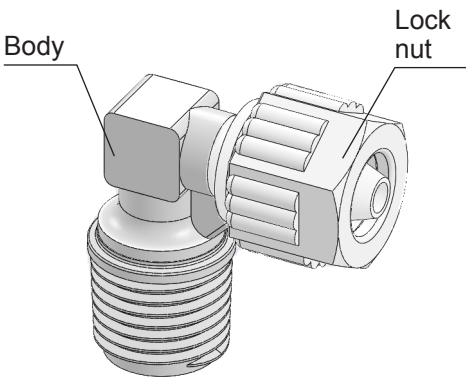


Products in compliance with
the directive EU 2015/863

FEATURES

- The products are made in plastic and it's necessary to use teflon coating over the thread for installation in order and to prevent air leakage.
Be sure to prevent excessive torque when screwing the fittings.
- To connect the tube, insert the tube to the end and tight the cap before use.
- Cut the pressed part of the tube before connection to reuse the released tube.

CONSTRUCTION DETAILS



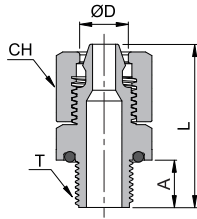
TIGHTENING TORQUE
TAPER GAS BSPT ISO 7

THREAD	1/8"	1/4"	3/8"	1/2"	3/4"
Nm	0,1	1	5	8	16

2900



Male connector BSPP thread with o-ring



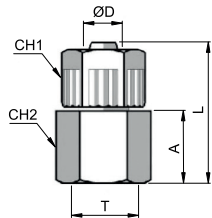
CODE	ØD	T	A	L	CH	g
2900TR186	6	G 1/8"	8,5	27,2	14	4,15
2900TR146		G 1/4"	8	30,9	14	5,4
2900TR188	8	G 1/8"	8,5	27,3	14	4,1
2900TR148		G 1/4"	8	31,1	14	6,0
2900TR1810	10	G 1/8"	8,5	27,2	17	6,0
2900TR1410		G 1/4"	8	31,0	17	6,5

The 2900 fitting is not certified EC 1935/2004 (Food contact materials) and D.M. 174/2004

2905



Female connector BSPT thread

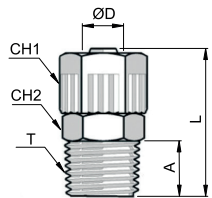


CODE	ØD	T	A	L	CH1	CH2	g
2905TR186	6/4	R 1/8"	10	26,3	14	14	3,0
2905TR146		R 1/4"	11	27,3	14	17	3,0
2905TR188	8/5,5	R 1/8"	9	26,3	14	14	3,0
2905TR148		R 1/4"	11	28,0	14	17	4,0
2905TR388		R 3/8"	11	30,6	14	22	5,0
2905TR128		R 1/2"	13,5	32,5	14	26	6,0
2905TR1410	10/7	R 1/4"	10	31,7	17	17	6,0
2905TR3810		R 3/8"	11	33,0	17	22	7,0
2905TR1210		R 1/2"	14	35,1	17	26	7,0

2910



Male connector BSPT thread

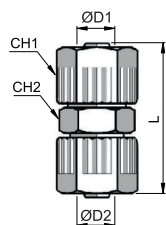


CODE	ØD	T	A	L	CH1	CH2	g
2910TR186	6/4	R 1/8"	8	27,5	14	13	3,0
2910TR146		R 1/4"	10,5	29,7	14	15	3,0
2910TR386		R 3/8"	10,5	32,5	14	17	6,5
2910TR126		R 1/2"	13	35,5	14	22	6,0
2910TR346		R 3/4"	9	35,5	14	27	8,0
2910TR188	8/5,5	R 1/8"	8	27,6	14	13	3,0
2910TR148		R 1/4"	10,5	29,5	14	15	3,0
2910TR388		R 3/8"	10,5	31,4	14	18	4,0
2910TR128		R 1/2"	13	36,1	14	22	5,0
2910TR348		R 3/4"	9	26,1	14	27	8,0
2910TR1410	10/7	R 1/4"	10,5	36,1	17	17	4,0
2910TR3810		R 3/8"	10,5	35,8	17	17	5,0
2910TR1210		R 1/2"	12	38,9	17	22	6,0
2910TR3410		R 3/4"	13	38,9	17	27	6,0
2910TR1412	12/9	R 1/4"	10,5	37,3	19	17	6,0
2910TR3812		R 3/8"	10,5	37,3	19	17	7,0
2910TR1212		R 1/2"	12,5	40,1	19	22	7,0
2910TR3412		R 3/4"	13	40,1	19	27	15,65

2915



Union connector

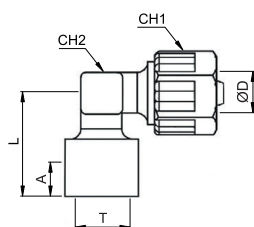


CODE	ØD1	ØD2	L	CH1	CH2	g
2915TR6	6/4	6/4	32,7	14	14	4,0
2915TR8	8/5,5	8/5,5	32,7	14	14	4,0
2915TR12	12/9	12/9	40,6	19	18	8,0
REDUCED UNION CONNECTOR						
2915TR86	8/5,5	6/4	32,7	14	14	4,0

2930



Female elbow BSPT thread

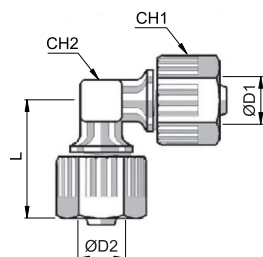


CODE	ØD	T	A	L	CH1	CH2	g
2930TR186	6/4	R 1/8"	10,5	19,5	14	9	5,0
2930TR146		R 1/4"	12,3	22,5	14	9	5,0
2930TR148	8/5,5	R 1/4"	12,3	22,5	14	9	6,0

2935



Union elbow

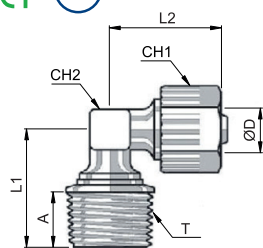


CODE	ØD	L	CH1	CH2	g
2935TR6	6/4	23,3	14	8	4,0
2935TR8	8/5,5	23,5	14	8	4,0
2935TR12	12/9	32,0	19	15	10,0

2940



Male elbow BSPT thread

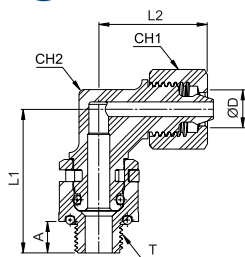


CODE	ØD	T	A	L1	L2	CH1	CH2	g
2940TR186	6/4	R 1/8"	8	18,5	22,5	14	8	2,0
2940TR146		R 1/4"	10	23,0	22,5	14	8	3,0
2940TR188	8/5,5	R 1/8"	8,5	18,5	23,0	14	8	3,0
2940TR148		R 1/4"	11	23,0	23,0	14	8	3,0
2940TR388		R 3/8"	11	23,5	23,0	14	8	5,0
2940TR1412	12/9	R 1/4"	10	24,0	33,0	19	15	7,0
2940TR3812		R 3/8"	10	24,5	33,0	19	15	6,0
2940TR1212		R 1/2"	13	28,5	33,0	19	15	9,0

2943



Swivel male elbow BSPP with o-ring



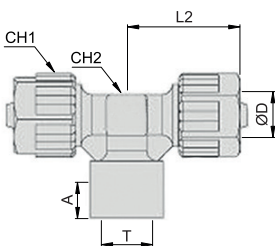
CODE	ØD	T	A	L1	L2	CH1	CH2	g
2943TR1814	8/5,5	G 1/8"	8,5	33,2	27,3	16	8	9,5
2943TR1408		G 1/4"	8	33,2	27,3	16	8	10

The 2943 fitting is not certified EC 1935/2004 (Food contact materials) and D.M. 174/2004

2950



Tee female BSPT thread

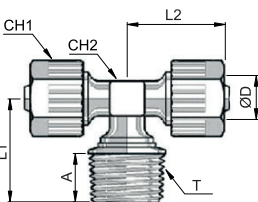


CODE	ØD	T	A	L	CH1	CH2	g
2950TR186	6/4	R 1/8"	10,2	23,3	14	8	8,15
2950TR148	8/5,5	R 1/4"	12,5	23,4	14	8	8,7

2955



Male tee BSPT thread

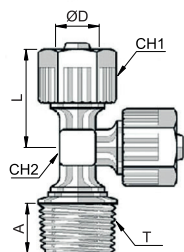


CODE	ØD	T	A	L1	L2	CH1	CH2	g
2955TR186	6/4	R 1/8"	9	19,0	23,4	14	8	6,0
2955TR146		R 1/4"	11	21,0	23,4	14	8	6,0
2955TR188	8/5,5	R 1/8"	9	19,0	23,4	14	8	5,0
2955TR148		R 1/4"	11	21,0	23,4	14	8	6,0
2955TR388		R 3/8"	11	21,0	23,6	14	8	7,0
2955TR1412	12/9	R 1/4"	11	21,0	33,5	14	8	12,0
2955TR3812		R 3/8"	10,7	24,5	33,5	19	15	14,0
2955TR1212		R 1/2"	15	28,5	33,5	19	15	15,0

2960



Lateral male tee BSPT thread

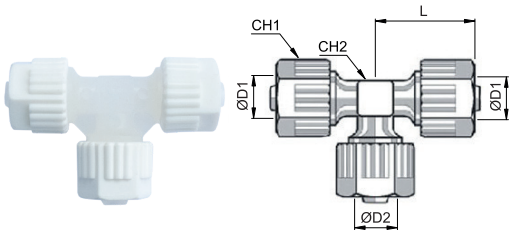


CODE	ØD	T	A	L	CH1	CH2	g
2960TR186	6/4	R 1/8"	8,5	20,9	14	8	5,0
2960TR146		R 1/4"	11	23,1	14	8	5,0
2960TR188	8/5,5	R 1/8"	8,5	20,9	14	8	5,0
2960TR148		R 1/4"	11	23,1	14	8	5,0
2960TR388		R 3/8"	10	29,4	14	8	7,0
2960TR1412	12/9	R 1/4"	10	28,8	19	15	12,0
2960TR3812		R 3/8"	11	31,2	19	15	14,0
2960TR1212		R 1/2"	15	31,3	19	15	15,0

2965



Union tee

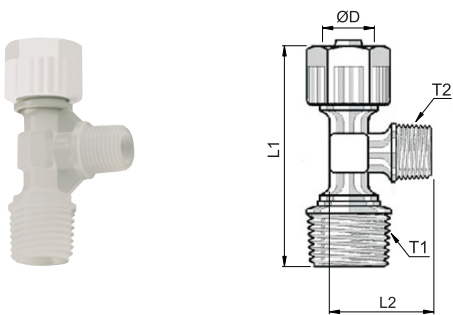


CODE	ØD1	ØD2	L	CH1	CH2	g
2965TR6	6/4	6/4	23,4	14	8	7,0
2965TR8	8/5,5	8/5,5	23,4	14	8	5,0
2965TR12	12/9	12/9	33,2	19	14	14,0
REDUCED UNION TEE						
2965TR68	8/5,5	6/4	23,4	14	8	9,0
2965TR86	6/4	8/5,5	23,4	14	8	8,7

2970



Lateral tee male BSPT thread

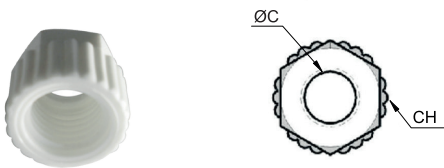


CODE	ØD	T1	T2	L1	L2	g
2970TR148	8/5,5	R 1/4"	R 1/8"	46,2	22,6	7,15

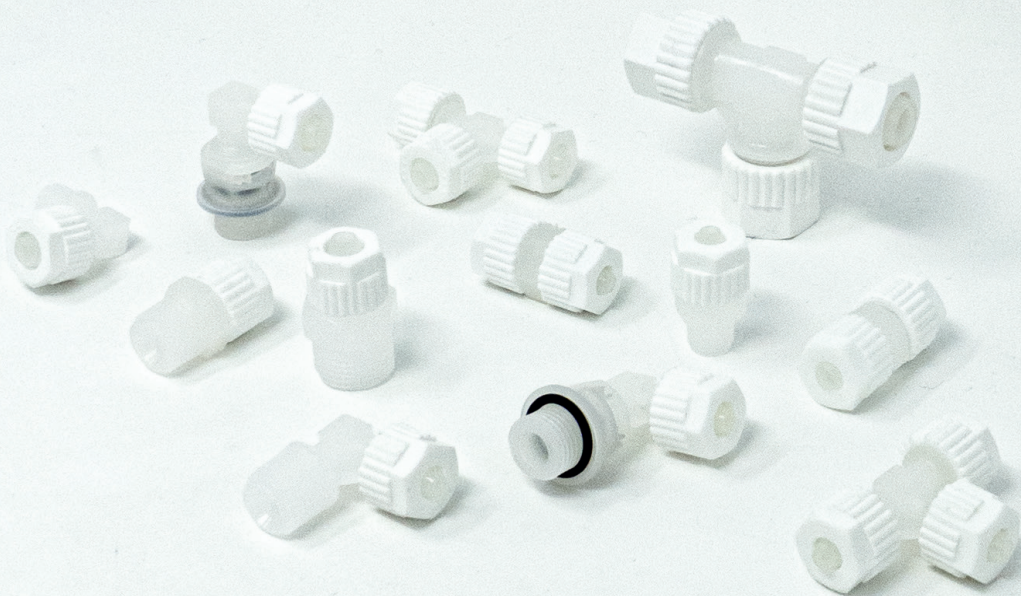
2230

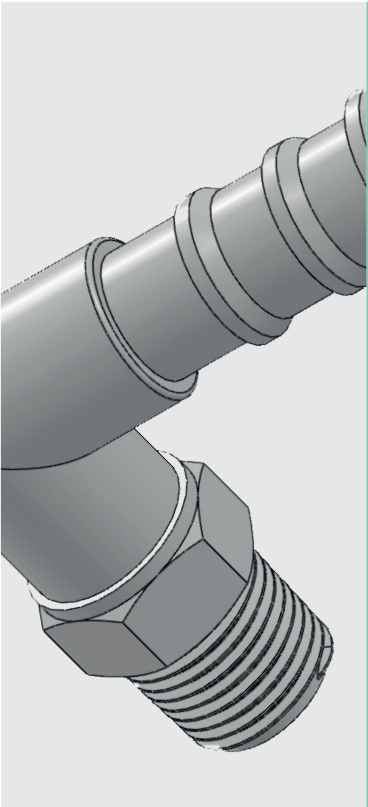


Locking nut



CODE	ØD	ØC	CH	g
2230TR6	6/4	6	14	1,0
2230TR8	8/5,5	8	14	2,0
2230TR10	10/7	10	17	3,0
2230TR12	12/9	13	19	4,0





-20°C ÷ +120°C
subject to applications



Working pressure:
14 Bar (at 20°C)
depending from the used tube



Compressed air, water and
fluids suitable with construction
materials



Taper gas BSPT ISO 7
from R1/8" to R1"



Plastic tubes, silicone, PTFE,
FEP and light PVC



Body: Polyvinylidene fluoride (PVDF)

AVAILABILITY:

- Available on demand with NPT thread for inch
tubes.



Food contact materials
EC 1935/2004



D.M. 174/2004



Products in compliance with
the directive 1907/2006



Products in compliance with
the directive EU 2015/863

FEATURES

- The products are made in plastic and it's necessary to use teflon coating over the thread for installation in order and to prevent air leakage.
Be sure to prevent excessive torque when screwing the fittings.
- The connection to the tube must be secured with clamp 5090.

BARB Ø
BARB CONNETORS IN PVDF

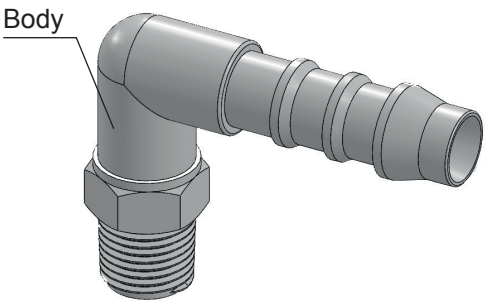
ØD (mm)	Ø4	Ø5	Ø6	Ø8	Ø10	Ø12	Ø14	Ø16	Ø19	Ø25
ØB (mm)	5,2	6,3	8,0	10,0	12,0	14,0	16,2	18,2	21,0	26,0



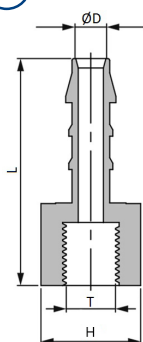
TIGHTENING TORQUE
TAPER GAS BSPT ISO 7

THREAD	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Nm	0,1	1	5	8	16	26

CONSTRUCTION DETAILS



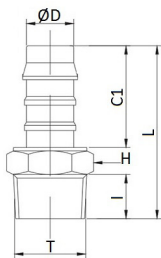
5905



Female hose connector BSPT thread

CODE	T	ØD	L	H	g
5905TR185	R 1/8"	5	34,4	14	2,0
5905TR145	R 1/4"	5	35,2	17	2,7
5905TR385	R 3/8"	5	36,5	22	4,57
5905TR125	R 1/2"	5	38,7	26	6,6
5905TR186	R 1/8"	6	36,3	14	2,15
5905TR146	R 1/4"	6	37,2	17	2,9
5905TR386	R 3/8"	6	38,3	22	4,8
5905TR126	R 1/2"	6	40,8	26	7,0
5905TR188	R 1/8"	8	38,2	14	2,5
5905TR148	R 1/4"	8	39,4	17	5,0
5905TR388	R 3/8"	8	40,4	22	7,1
5905TR128	R 1/2"	8	42,7	26	3,6
5905TR1410	R 1/4"	10	41,5	17	5,4
5905TR3810	R 3/8"	10	42,3	22	7,5
5905TR1210	R 1/2"	10	45,0	26	4,1
5905TR1412	R 1/4"	12	42,4	17	6,2
5905TR3812	R 3/8"	12	43,3	22	8,0
5905TR1212	R 1/2"	12	46,0	26	6,9
5905TR3814	R 3/8"	14	45,0	22	8,7
5905TR1214	R 1/2"	14	47,3	26	9,0
5905TR1216	R 1/2"	16	48,1	26	9,5
5905TR1219	R 1/2"	19	48,8	26	10,0

5910



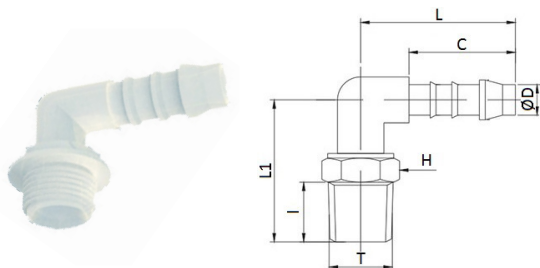
Male barb connector BSPT thread

CODE	T	ØD	I	C1	L	H	g
5910TR184	R 1/8"	4	8,0	16,0	31,2	11	1,0
5910TR144	R 1/4"	4	10,0	16,0	33,8	14	1,2
5910TR185	R 1/8"	5	8,0	21,0	34,7	11	1,0
5910TR145	R 1/4"	5	10,0	21,0	38,3	14	1,0
5910TR186	R 1/8"	6	8,0	23,0	37,5	11	1,0
5910TR146	R 1/4"	6	10,0	23,0	39,2	14	2,0
5910TR386	R 3/8"	6	10,0	23,0	39,1	17	3,0
5910TR126	R 1/2"	6	12,5	23,0	42,3	22	6,0
5910TR346	R 3/4"	6	14,5	23,0	43,0	22	8,2
5910TR188	R 1/8"	8	8,0	25,0	39,8	11	2,0
5910TR148	R 1/4"	8	10,0	25,0	43,0	14	2,0
5910TR388	R 3/8"	8	10,0	25,0	43,0	17	3,0
5910TR128	R 1/2"	8	12,5	25,0	46,1	22	6,0
5910TR348	R 3/4"	8	12,5	25,0	37,1	17	4,7
5910TR1410	R 1/4"	10	10,0	27,0	47,1	14	1,0
5910TR3810	R 3/8"	10	10,0	27,0	45,2	17	4,0
5910TR1210	R 1/2"	10	12,5	27,0	48,3	22	6,0
5910TR3410	R 3/4"	10	14,5	27,0	49,3	27	9,1
5910TR1412	R 1/4"	12	10,0	28,0	46,0	14	4,0
5910TR3812	R 3/8"	12	10,0	28,0	46,0	17	4,0
5910TR1212	R 1/2"	12	12,5	28,0	49,3	22	7,0
5910TR3412	R 3/4"	12	14,5	28,0	50,0	27	9,2
5910TR3814	R 3/8"	14	10,0	29,5	47,5	17	6,0
5910TR1214	R 1/2"	14	12,5	29,5	50,8	22	7,0
5910TR3414	R 3/4"	14	14,5	29,5	51,7	27	9,8
5910TR1216	R 1/2"	16	12,5	30,0	51,3	22	8,0
5910TR3416	R 3/4"	16	14,5	30,0	52,2	27	10,0
5910TR1219	R 1/2"	19	12,5	31,0	52,2	22	9,0
5910TR3419	R 3/4"	19	14,5	31,0	53,3	27	15,0
5910TR119	R 1"	19	21,0	31,0	60,1	27	18,8
5910TR3425	R 3/4"	25	21,0	31,0	54,8	27	17,0
5910TR125	R 1"	25	21,0	31,0	66,6	36	19,5

5920

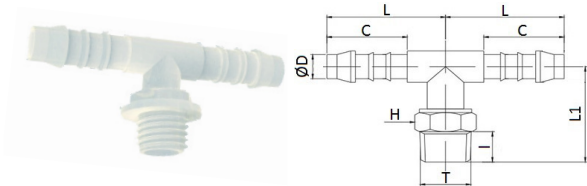


Male elbow barb connector BSPT



CODE	T	ØD	I	C	L	L1	H	g
5920TR184	R 1/8"	4	8,0	16,0	22,5	21,0	11	1,0
5920TR144	R 1/4"	4	10,0	16,0	22,5	24,0	14	1,0
5920TR185	R 1/8"	5	8,0	21,0	28,0	24,0	11	1,0
5920TR145	R 1/4"	5	10,0	21,0	28,0	26,0	14	3,0
5920TR125	R 1/2"	5	13,0	21,0	28,0	30,0	22	6,0
5920TR186	R 1/8"	6	8,5	23,5	31,5	23,5	11	1,0
5920TR146	R 1/4"	6	10,0	23,0	31,0	26,0	14	3,0
5920TR386	R 3/8"	6	10,5	23,0	31,0	26,0	17	3,0
5920TR126	R 1/2"	6	13,0	23,5	31,5	30,0	22	7,0
5920TR188	R 1/8"	8	8,0	25,0	36,0	26,0	11	3,0
5920TR148	R 1/4"	8	10,0	25,0	36,0	28,0	14	3,0
5920TR388	R 3/8"	8	10,5	25,0	36,0	28,0	17	5,0
5920TR128	R 1/2"	8	13,0	25,0	36,0	30,5	22	7,0
5920TR1410	R 1/4"	10	10,0	27,0	39,0	28,0	14	4,0
5920TR3810	R 3/8"	10	10,5	27,0	39,0	28,0	17	6,0
5920TR1210	R 1/2"	10	13,0	27,0	39,0	30,5	22	8,0
5920TR3410	R 3/4"	10	14,5	27,0	39,0	33,5	27	9,9
5920TR1412	R 1/4"	12	10,0	28,0	41,0	28,0	14	7,0
5920TR3812	R 3/8"	12	10,5	28,0	41,0	28,0	17	8,0
5920TR1212	R 1/2"	12	13,0	28,0	41,0	32,0	22	9,0
5920TR3412	R 3/4"	12	14,5	28,0	41,0	34,0	27	12,0
5920TR3814	R 3/8"	14	10,5	29,5	42,5	31,5	17	9,0
5920TR1214	R 1/2"	14	13,0	29,5	42,5	34,0	22	11,0
5920TR3414	R 3/4"	14	14,5	29,5	42,5	37,5	27	14,4
5920TR1216	R 1/2"	16	12,5	30,0	44,0	36,0	22	13,0
5920TR3416	R 3/4"	16	14,5	30,0	44,0	39,0	27	14,0
5920TR1219	R 1/2"	19	12,5	31,0	45,0	36,0	22	15,0
5920TR3419	R 3/4"	19	15,0	31,0	45,0	38,0	27	16,6

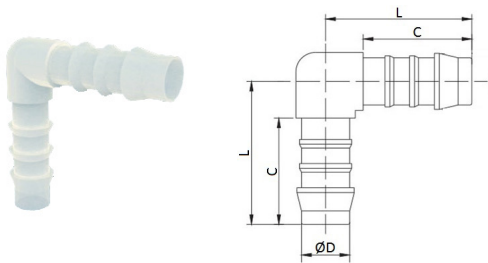
5925



Male tee barb connector BSPT thread

CODE	T	ØD	I	C	L	L1	H	g
5925TR184	R 1/8"	4	8,0	16,0	19,7	18,5	11	1,0
5925TR144	R 1/4"	4	10,5	16,0	22,6	21,5	14	2,5
5925TR185	R 1/8"	5	8,0	21,0	25,4	19,5	11	1,0
5925TR145	R 1/4"	5	10,5	21,0	28,2	22,5	14	3,0
5925TR186	R 1/8"	6	8,5	23,5	28,0	23,5	11	1,0
5925TR146	R 1/4"	6	10,5	23,0	31,5	23,0	14	3,0
5925TR386	R 3/8"	6	13,0	23,0	31,5	23,0	17	4,1
5925TR126	R 1/2"	6	12,5	23,0	31,5	27,0	22	7,1
5925TR188	R 1/8"	8	8,0	25,0	30,8	21,5	11	3,0
5925TR148	R 1/4"	8	10,5	25,0	36,3	24,5	14	5,0
5925TR388	R 3/8"	8	10,5	25,0	36,3	24,5	17	6,0
5925TR128	R 1/2"	8	13,0	25,0	31,0	28,5	22	7,5
5925TR1410	R 1/4"	10	10,0	27,0	39,3	28,0	14	6,4
5925TR3810	R 3/8"	10	10,5	27,0	39,3	28,0	17	7,3
5925TR1210	R 1/2"	10	12,5	27,0	39,4	30,5	22	9,6
5925TR3410	R 3/4"	10	13,0	27,0	39,4	31,5	27	11,8
5925TR1412	R 1/4"	12	10,0	28,0	41,3	28,0	14	15,0
5925TR3812	R 3/8"	12	10,5	28,0	41,3	28,0	17	9,0
5925TR1212	R 1/2"	12	13,0	28,0	41,3	31,5	22	12,6
5925TR3412	R 3/4"	12	13,0	28,0	41,3	31,5	27	14,3
5925TR3814	R 3/8"	14	10,5	29,5	42,8	31,5	17	12,8
5925TR1214	R 1/2"	14	12,5	29,5	42,8	34,0	22	15,0
5925TR3414	R 3/4"	14	13,0	30,0	42,8	35,0	27	17,9
5925TR1216	R 1/2"	16	12,5	30,0	44,1	36,0	22	15,0
5925TR3416	R 3/4"	16	13,5	30,0	44,2	37,0	27	18,6
5925TR1219	R 1/2"	19	12,5	31,0	45,1	36,0	22	19,6
5925TR3419	R 3/4"	19	13,5	31,0	45,3	36,0	27	21,6

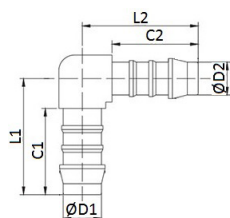
5930



Union elbow barb connector

CODE	ØD	C	L	g
5930TR4	4	16,0	23,0	1,0
5930TR5	5	21,0	28,5	1,2
5930TR6	6	23,0	31,5	1,5
5930TR8	8	25,0	36,5	3,0
5930TR10	10	27,0	39,0	4,0
5930TR12	12	28,0	40,0	7,0
5930TR14	14	29,5	42,5	9,0
5930TR16	16	30,0	44,0	11,0
5930TR19	19	31,0	45,0	13,0

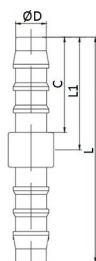
5935



Reduced union elbow barb connector

CODE	ØD1	ØD2	C1	C2	L1	L2	g
5935TR54	5	4	21,0	16,0	28,5	23,0	1,0
5935TR64	6	4	21,0	16,0	35,5	29,0	1,0
5935TR65	6	5	23,0	21,0	31,5	28,5	1,5
5935TR86	8	6	25,0	23,0	36,5	31,5	2,0
5935TR106	10	6	27,0	23,0	39,0	31,5	3,8
5935TR108	10	8	27,0	25,0	39,0	36,5	4,0
5935TR1210	12	10	28,0	27,0	40,0	39,0	7,0
5935TR1412	14	12	29,5	28,0	42,5	40,0	9,0
5935TR1614	16	14	30,0	29,5	44,0	42,5	11,0
5935TR1916	19	16	31,0	30,0	45,0	44,0	14,0

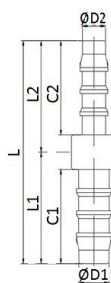
5940



Union barb connector

CODE	ØD1	ØD2	L	L1	g
5940TR4	4	16,0	36,6	18,0	1,0
5940TR5	5	21,0	47,0	23,5	1,2
5940TR6	6	23,0	52,2	26,0	1,5
5940TR8	8	25,0	59,3	29,0	2,0
5940TR10	10	27,0	63,0	31,5	3,0
5940TR12	12	28,0	66,0	33,0	4,0
5940TR14	14	29,5	71,8	35,5	7,5
5940TR16	16	30,0	72,5	36,0	9,0
5940TR19	19	31,0	73,5	37,0	11,0

5945



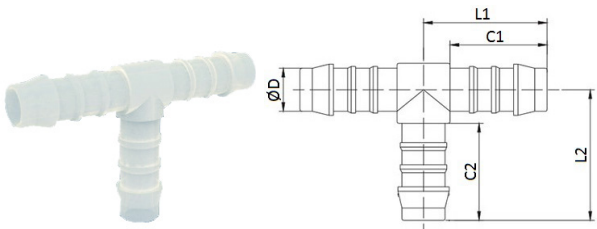
Reduced union barb connector

CODE	ØD1	ØD2	C1	L1	C2	L2	L	g
5945TR54	5	4	21,0	23,5	16,0	18,0	42,2	1,0
5945TR64	6	4	23,0	26,0	16,0	18,0	45,7	1,0
5945TR65	6	5	23,0	26,0	21,0	23,5	50,6	1,0
5945TR85	8	5	25,0	29,5	21,0	23,5	54,4	2,0
5945TR86	8	6	25,0	29,0	23,0	26,0	56,3	3,0
5945TR106	10	6	27,0	31,5	23,0	26,0	59,0	3,0
5945TR108	10	8	27,0	31,5	25,0	29,0	62,0	3,0
5945TR128	12	8	28,0	33,0	25,0	29,0	63,8	3,0
5945TR1210	12	10	28,0	33,0	27,0	31,5	65,3	5,0
5945TR1410	14	10	29,5	35,5	27,0	31,5	69,1	6,0
5945TR1412	14	12	29,5	35,5	28,0	33,0	70,0	7,0
5945TR1612	16	12	30,0	36,0	28,0	33,0	70,3	7,0
5945TR1614	16	14	30,0	36,0	29,5	35,5	71,7	8,0
5945TR1914	19	14	31,0	37,0	29,5	35,5	72,7	10,0
5945TR1916	19	16	31,0	37,0	30,0	36,0	73,2	10,0

5950



Union tee barb connector

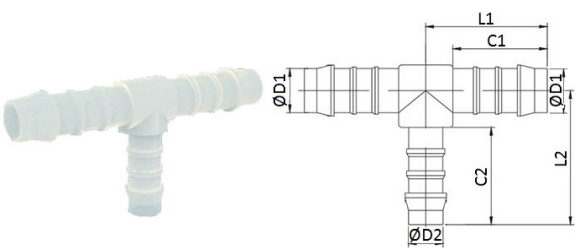


CODE	ØD	C1	L1	C2	L2	g
5950TR4	4	16,0	19,7	16,0	20,5	1,0
5950TR5	5	21,0	25,3	21,0	26,5	1,0
5950TR6	6	23,0	28,0	23,0	29,0	1,0
5950TR8	8	25,0	30,8	25,0	32,5	3,0
5950TR10	10	27,0	33,2	27,0	33,5	5,0
5950TR12	12	28,0	35,2	28,0	37,5	8,0
5950TR14	14	29,5	38,1	29,5	42,5	12,0
5950TR16	16	30,0	39,6	30,0	44,0	13,0
5950TR19	19	31,0	42,2	31,0	45,0	17,0

5955



Reduced union tee barb connector

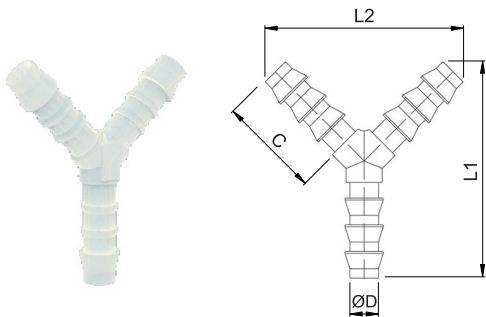


CODE	ØD1	ØD2	C1	L1	C2	L2	g
5955TR54	5	4	21,0	25,3	16,0	21,5	1,0
5955TR65	6	5	23,0	27,8	21,0	27,0	2,0
5955TR86	8	6	25,0	30,7	23,0	30,5	3,0
5955TR108	10	8	27,0	33,2	25,0	34,0	4,0
5955TR1210	12	10	28,0	35,3	27,0	36,5	7,0
5955TR1412	14	12	29,5	38,3	28,0	38,5	11,0
5955TR1614	16	14	30,0	39,7	29,5	41,5	13,0
5955TR1916	19	16	31,0	42,3	30,0	43,0	17,0

5960



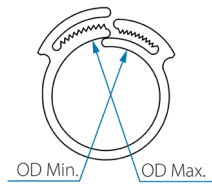
Y barb connector



CODE	ØD	C	L1	L2	g
5960TR4	4	16,5	35,0	31,0	1,0
5960TR6	6	23,5	51,2	44,5	1,5
5960TR8	8	25,5	56,6	40,6	3,0
5960TR10	10	24,0	62,3	55,0	5,0
5960TR17	17	24,0	63,3	57,7	7,0

5090

Acetal resin snap clip



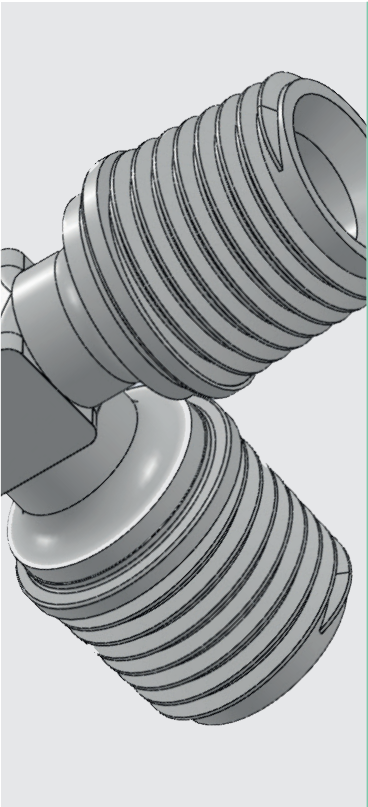
CODE	O.D. MIN	O.D. MAX
5090TR810	8	10
5090TR1012	10	12
5090TR1113	11	13
5090TR1315	13	15
5090TR1416	14	16
5090TR1517	15	17
5090TR1618	16	18
5090TR1719	17	19
5090TR1820	18	20
5090TR2022	20	22
5090TR2123	21	23
5090TR2325	23	25
5090TR2628	26	28
5090TR3032	30	32

Hose clamps in 5090 acetal resin are the simple and fast solution for securing flexible hoses to any fittings.

How to use: insert snap clip onto the tube and give a manual pression to guarantee a perfect adherence. Use a plier for final tightening.

How to release: apply lateral pressure to unlock it. 5090 hose clamps are reliable.





-20°C ÷ +120°C
subject to applications



Working pressure:
14 Bar (at 20°C)



Compressed air, water and
fluids suitable with construction
materials



Taper gas BSPT ISO 7
from R1/8" to R1"



Body: Polyvinylidene fluoride
(PVDF)

FEATURES

The products are made in plastic and it's necessary
to use teflon coating over the thread for installation
in order and to prevent air leakage.
Be sure to prevent excessive torque when screwing
the fittings.

AVAILABILITY:

- Available on demand with NPT thread for inch
tubes.



Food contact materials
EC 1935/2004



D.M. 174/2004

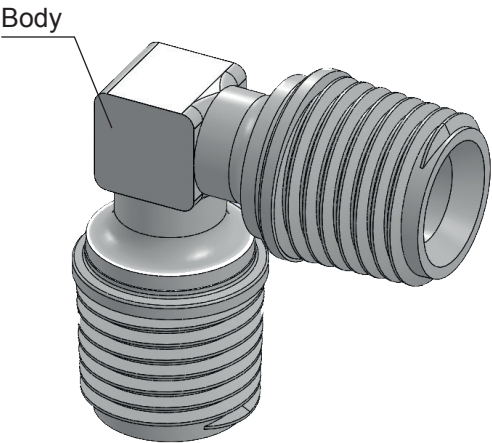


Products in compliance with
the directive 1907/2006



Products in compliance with
the directive EU 2015/863

CONSTRUCTION DETAILS



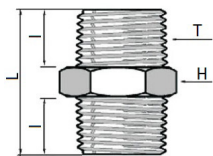
TIGHTENING TORQUE
TAPER GAS BSPT ISO 7

THREAD	1/8"	1/4"	1/8"	1/2"	3/4"	1"
Nm	0,1	1	5	8	16	26

1900



Nipple BSPT thread

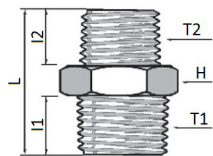


CODE	T	L	I	H	g
1900TR18	R 1/8"	23,2	8,0	11	1,4
1900TR14	R 1/4"	27,1	10,0	14	3,5
1900TR38	R 3/8"	28,2	10,0	17	4,2
1900TR12	R 1/2"	34,1	12,5	22	8,0
1900TR34	R 3/4"	36,0	13,5	27	9,5

1902



Reduced nipple BSPT thread

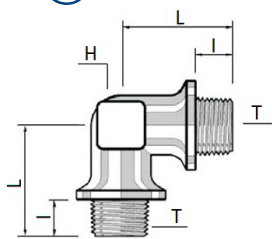


CODE	T1	T2	I1	I2	L	H	g
1902TR1418	R 1/4"	R 1/8"	10,5	8,5	25,2	14	2,5
1902TR3818	R 3/8"	R 1/8"	10,0	8,0	27,1	17	3,8
1902TR3814	R 3/8"	R 1/4"	10,0	10,0	28,5	17	4,1
1902TR1218	R 1/2"	R 1/8"	13,0	12,0	29,3	22	6,1
1902TR1214	R 1/2"	R 1/4"	13,0	10,5	31,5	22	6,7
1902TR1238	R 1/2"	R 3/8"	13,0	10,5	31,5	22	6,0
1902TR3412	R 3/4"	R 1/2"	13,5	13,0	34,5	27	7,5

1910



Elbow M/M BSPT thread

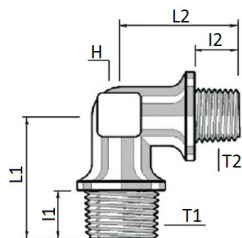


CODE	T	I	L	H	g
1910TR18	R 1/8"	8,0	20,0	10	3,0
1910TR14	R 1/4"	10,0	22,0	10	4,0
1910TR38	R 3/8"	10,0	24,0	14	7,0
1910TR12	R 1/2"	12,5	32,0	17	15,0

1912



Reduced elbow M/M BSPT thread



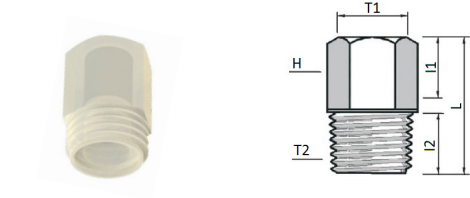
CODE	T1	T2	I1	I2	L1	L2	H	g
1912TR1418	R 1/4"	R 1/8"	10,0	8,0	22,0	20,0	12	3,6
1912TR3814	R 3/8"	R 1/4"	10,0	10,0	24,0	24,0	15	6,5
1912TR1238	R 1/2"	R 3/8"	12,5	10,0	32,0	29,5	17	13,0



1920



Adapter M/F BSPT thread

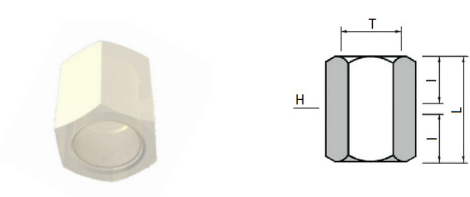


CODE	T1	T2	I1	I2	L	H	g
1920TR1818	R 1/8"	R 1/8"	9,0	8,0	23,0	14	1,0
1920TR1414	R 1/4"	R 1/4"	10,5	10,0	24,0	17	3,0
1920TR3838	R 3/8"	R 3/8"	11,0	10,5	26,0	22	5,3
1920TR1212	R 1/2"	R 1/2"	13,5	13,0	30,5	26	9,0
REDUCTION ADAPTER M/F BSPT THREAD							
1920TR1814	R 1/8"	R 1/4"	10,5	10,0	23,0	14	2,4
1920TR1838	R 1/8"	R 3/8"	9,0	10,0	24,0	14	2,7
1920TR1812	R 1/8"	R 1/2"	9,0	12,0	27,0	14	4,1
1920TR1438	R 1/4"	R 3/8"	10,5	10,0	25,0	17	5,0
1920TR1412	R 1/4"	R 1/2"	10,5	10,0	27,0	17	4,8
1920TR3812	R 3/8"	R 1/2"	11,0	13,0	28,0	22	8,0
ENLARGER ADAPTER M/F BSPT THREAD							
1920TR1418	R 1/4"	R 1/8"	10,5	8,0	22,0	17	2,8
1920TR3818	R 3/8"	R 1/8"	11,0	8,0	23,0	22	4,8
1920TR3814	R 3/8"	R 1/4"	11,0	10,0	25,0	22	5,1
1920TR1218	R 1/2"	R 1/8"	13,5	8,0	25,5	26	7,0
1920TR1214	R 1/2"	R 1/4"	13,5	10,0	27,0	26	7,2
1920TR1238	R 1/2"	R 3/8"	13,5	10,0	28,0	26	8,0

1925



Sleeve F/F BSPT thread

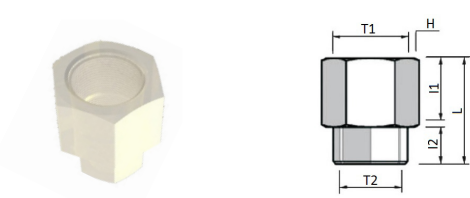


CODE	T	I	L	H	g
1925TR18	R 1/8"	9,0	20,0	14	2,3
1925TR14	R 1/4"	11,0	23,6	17	3,7
1925TR38	R 3/8"	11,0	24,5	21	5,2
1925TR12	R 1/2"	13,5	29,7	26	9,6
1925TR34	R 3/4"	18,0	38,0	34	16,8

1927



Reduced sleeve F/F BSPT thread

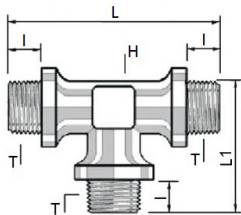


CODE	T1	T2	I1	I2	L	H	g
1927TR1418	R 1/4"	R 1/8"	11,0	9,0	22,0	17	3,2
1927TR3818	R 3/8"	R 1/8"	11,0	9,0	24,5	21	5,2
1927TR3814	R 3/8"	R 1/4"	11,0	11,0	24,5	21	6,0
1927TR1214	R 1/2"	R 1/4"	13,5	11,0	27,0	26	8,0
1927TR1238	R 1/2"	R 3/8"	13,5	11,0	27,0	26	7,7
1927TR3414	R 3/4"	R 1/4"	13,5	11,0	34,0	35	11,0
1927TR3412	R 3/4"	R 1/2"	13,5	11,0	34,0	35	14,5

1930



Male tee BSPT thread

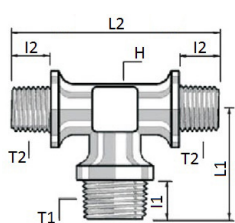


CODE	T	I	L	L1	H	g
1930TR18	R 1/8"	8,0	39,8	24,1	12	4,0
1930TR14	R 1/4"	10,0	44,0	26,2	12	5,0
1930TR38	R 3/8"	10,0	50,5	32,0	15	10,0
1930TR12	R 1/2"	12,5	64,0	40,3	17	22,0

1932



Central reduced male tee BSPT thread

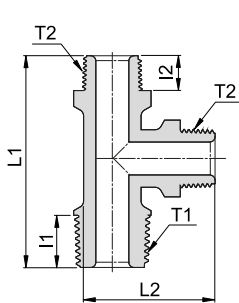


CODE	T1	T2	I1	I2	L1	L2	H	g
1932TR1814	R 1/8"	R 1/4"	8,0	10,0	20,0	39,7	12	4,4
1932TR1438	R 1/4"	R 3/8"	10,0	10,0	25,0	38,2	15	9,3
1932TR3812	R 3/8"	R 1/2"	10,0	12,5	29,5	60,2	17	17,3
CENTRAL ENLARGER MALE TEE BSPT THREAD								
1932TR1418	R 1/4"	R 1/8"	10,0	8,0	22,0	43,3	12	5,6
1932TR3814	R 3/8"	R 1/4"	10,0	10,0	25,0	60,2	15	9,7
1932TR1238	R 1/2"	R 3/8"	12,5	10,0	32,0	64,2	17	17,0

1934



Lateral reduced male tee BSPT thread

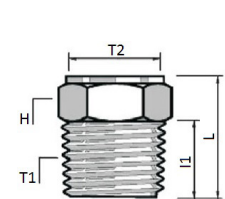


CODE	T1	T2	I1	I2	L1	L2	H	g
1934TR1814	R 1/8"	R 1/4"	8,0	10,0	42,7	25,5	12	5,0
1934TR1438	R 1/4"	R 3/8"	10,0	10,0	48,5	31,0	15	9,5
1934TR3812	R 3/8"	R 1/2"	10,0	12,5	62,0	38,2	17	19,0
LATERAL ENLARGER MALE TEE BSPT THREAD								
1934TR1418	R 1/4"	R 1/8"	10,0	8,0	41,8	26,3	12	4,9
1934TR3814	R 3/8"	R 1/4"	10,0	10,0	48,3	30,8	15	8,8
1934TR1238	R 1/2"	R 3/8"	12,5	10,0	62,0	40,0	17	17,9

1940



M/F reduced BSPT thread



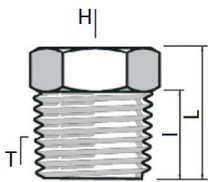
CODE	T1	T2	I1	L	H	g
1940TR1418	R 1/4"	R 1/8"	10,0	17,2	14	1,5
1940TR3818	R 3/8"	R 1/8"	10,5	17,8	17	2,7
1940TR3814	R 3/8"	R 1/4"	10,5	17,8	17	2,1
1940TR1218	R 1/2"	R 1/8"	12,5	20,7	22	6,0
1940TR1214	R 1/2"	R 1/4"	12,5	20,4	22	5,0
1940TR1238	R 1/2"	R 3/8"	12,5	20,7	22	3,8
1940TR3414	R 3/4"	R 1/4"	13,5	22,0	27	8,9
1940TR3438	R 3/4"	R 3/8"	13,5	22,2	27	8,1
1940TR3412	R 3/4"	R 1/2"	13,5	22,4	27	7,0



1950



Male plug BSPT thread

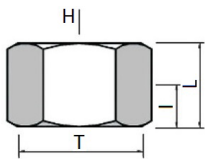


CODE	T	I	L	H	g
1950TR18	R 1/8"	9,0	13,6	12	1,0
1950TR14	R 1/4"	10,5	16,6	15	2,0
1950TR38	R 3/8"	10,5	16,1	18	3,0
1950TR12	R 1/2"	12,5	19,6	22	5,0
1950TR34	R 3/4"	15,0	22,0	27	8,0
1950TR1	R 1"	20,0	27,0	36	9,5

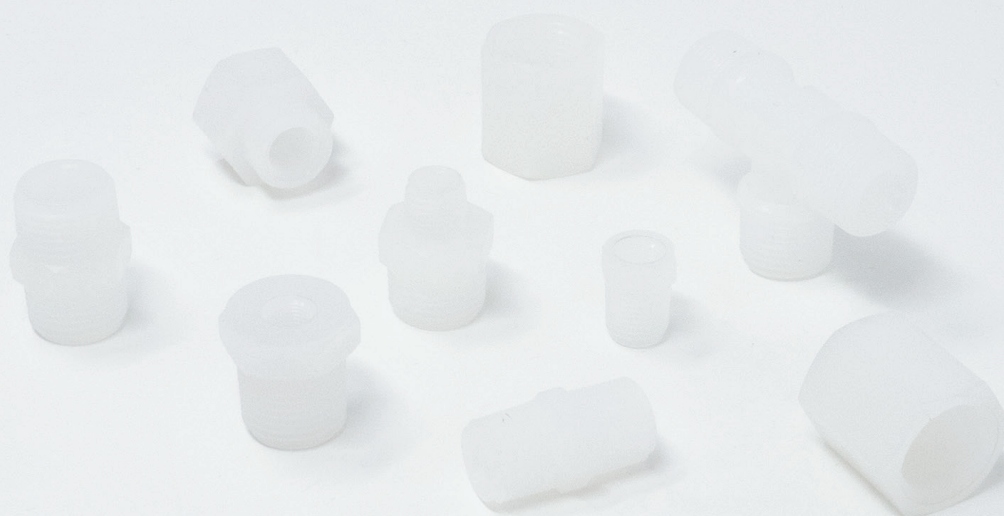
1955

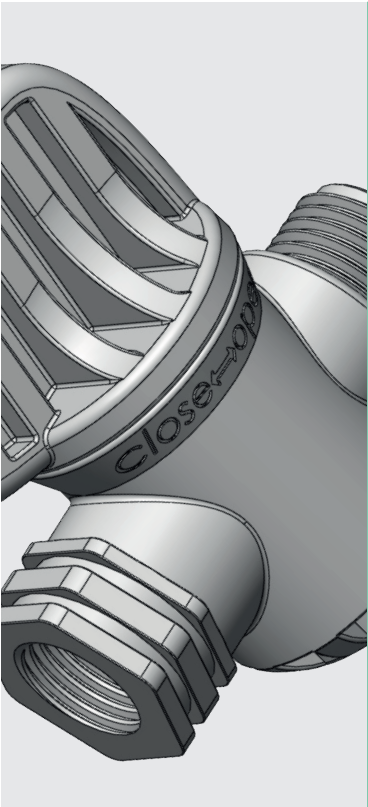


Female plug BSPT thread



CODE	T	I	L	H	g
1955TR18	R 1/8"	9,0	10,4	13	1,1
1955TR14	R 1/4"	10,0	14,2	17	1,2
1955TR38	R 3/8"	11,0	14,2	20	2,7
1955TR12	R 1/2"	13,5	17,1	24	4,3
1955TR34	R 3/4"	14,0	17,1	30	6,2





-20°C ÷ 110°C



Working pressure:
from 0 to 16 Bar



Water and fluids suitable with
construction materials



Taper gas BSPT ISO 7
R1/4"



Body: PVDF
Handle: PVDF
O-ring: Viton

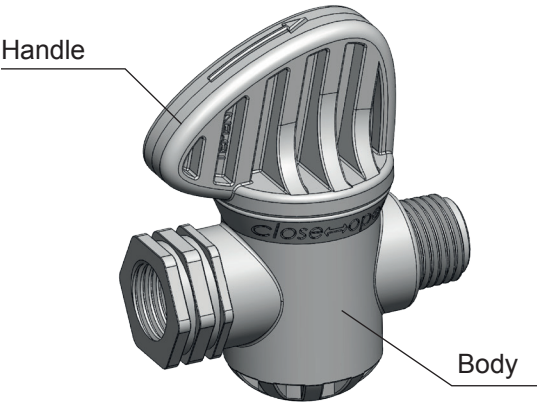


Products in compliance with
the directive 1907/2006



Products in compliance with
the directive EU 2015/863

CONSTRUCTION DETAILS

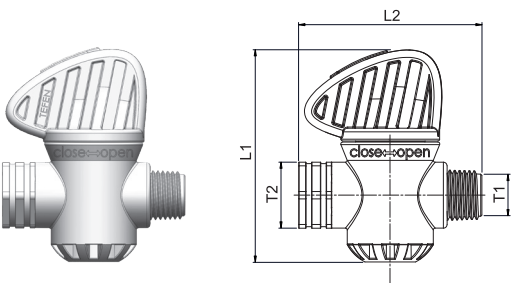


HANDLE
Two-position lever: opening and closing.

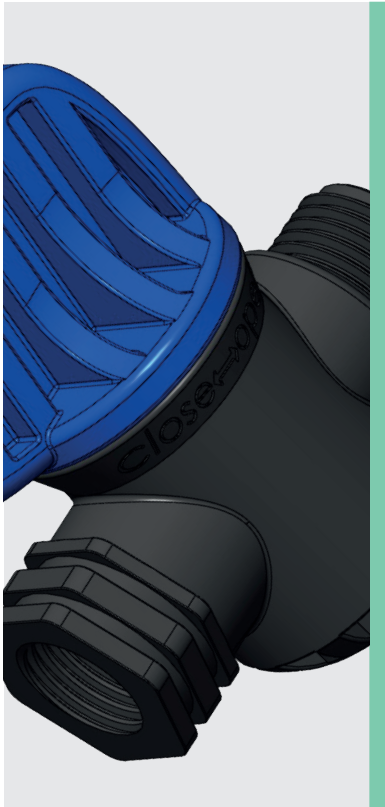


9020-PVDF

Two way valve in PVDF M/F BSPT thread



CODE	T1	T2	L1	L2	g
9020TR14-PVDF	R 1/4"	R 1/4"	59,0	51,8	36,0



-20°C ÷ 90°C



Working pressure:
form 0 to 16 Bar



Water and fluids suitable with
construction materials



Taper gas BSPT ISO 7
R1/4"

Body: POM
Handle: POM
O-ring: NBR



WRAS certified product
materials in contact with
potable water



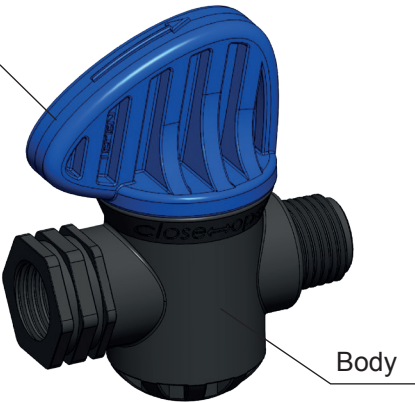
Products in compliance with
the directive 1907/2006



Products in compliance with
the directive EU 2015/863

CONSTRUCTION DETAILS

Handle



Body

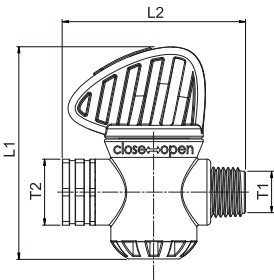
HANDLE
Two-position lever: opening and closing.



9020



Two way valve in POM M/F BSPT thread



CODE	T1	T2	L1	L2	g
9020TR14	R 1/4"	R 1/4"	57,6	51,2	70,0



PVDF FITTINGS CALIBRATED PTFE TUBE



PLUS

GOOD FLEXIBILITY

EXCELLENT RESISTANCE TO AGEING

FULL CHEMICAL INERTIA

**HIGH BREAKING LOAD AND
HIGH RESISTANCE DEGREE TO
TEMPERATURE (UP TO 260°)**

GOOD INSULATION CAPACITY





p. 33 / **PTFE-C**



p. 33 / **PTFE-C-BX**





-70°C ÷ 260°C



Working pressure:
See the table
Bursting pressure:
See the table



Compressed air, vacuum,
water and fluids suitable with
construction materials



Material: Calibrated teflon
PTFE (made by a process called
“paste extrusion” typical of this
material)

FEATURES

- Hardness (ISO 868):
65 Shore D
- Elongation at break:
200 - 370 %
- Tensile strenght:
> 20 MPa
- Density:
2,13 - 2,23 g/cm³



Food contact materials
EC 1935/2004



D.M. 174/2004



SILICONE FREE



Products in compliance with
the directive 1907/2006



Products in compliance with
the directive EU 2015/863

TEMPERATURE-DEPENDENT PRESSURE UTILISATION

	-60°C ÷ 23°C	+40°C ÷ 100°C	+100°C ÷ 150°C	+150°C ÷ 200°C	+200°C ÷ 260°C
PERCENTAGE	100%	90%	55%	30%	10%

PTFE-C

Calibrated PTFE tube



CODE	Ø ODxID	THICKNESS (mm)	MIN. BENDING RADIUS (mm)	WORKING PRESSURE AT 20°C (Bar)	BURSTING PRESSURE AT 20°C (Bar)	g/m	Q.TY FOR ROLL (mt)
PTFE-C0402	4x2	1	15	37	110	21	100
PTFE-C0425	4x2,5	0,75	15	22	65	17	100
PTFE-C0604	6x4	1	35	22	66	35	100
PTFE-C0806	8x6	1	65	14	42	49	100
PTFE-C1008	10x8	1	100	11	32	62	100
PTFE-C1210	12x10	1	150	10	30	76	100
PTFE-C1412	14x12	1	200	8	24	90	50
PTFE-C1613	16x13	1,5	150	10	30	150	50

Sizes Ø ODxID	 Blue	 Red	 Natural
4x2			PTFE-C0402NU100
4x2,5	PTFE-C0425BL100	PTFE-C0425RO100	PTFE-C0425NU100
6x4	PTFE-C0604BL100	PTFE-C0604RO100	PTFE-C0604NU100
8x6	PTFE-C0806BL100	PTFE-C0806RO100	PTFE-C0806NU100
10x8	PTFE-C1008BL100	PTFE-C1008RO100	PTFE-C1008NU100
12x10	PTFE-C1210BL100	PTFE-C1210RO100	PTFE-C1210NU100
14x12	PTFE-C1412BL50	PTFE-C1412RO50	PTFE-C1412NU50
16x13	PTFE-C1613BL50	PTFE-C1613RO50	PTFE-C1613NU50

PTFE-C-BX

Calibrated PTFE tube in 25m box



Sizes Ø ODxID	 Blue	 Red	 Natural
4x2			PTFE-C0402NU100-25BX
4x2,5	PTFE-C0425BL100-25BX	PTFE-C0425RO100-25BX	PTFE-C0425NU100-25BX
6x4	PTFE-C0604BL100-25BX	PTFE-C0604RO100-25BX	PTFE-C0604NU100-25BX
8x6	PTFE-C0806BL100-25BX	PTFE-C0806RO100-25BX	PTFE-C0806NU100-25BX
10x8	PTFE-C1008BL100-25BX	PTFE-C1008RO100-25BX	PTFE-C1008NU100-25BX



PVDF FITTINGS CALIBRATED FEP TUBE



PLUS

EXCELLENT CHEMICAL RESISTANCE

WIDE RANGE OF APPLICATION
TEMPERATURES

STABILITY TO UV RAYS

NON-STICK

EXCELLENT DIELECTRIC RESISTANCE

NON-FLAMMABLE

EXTREMELY SMOOTH SURFACE

EXCELLENT CLEARNESS IN
COLOURING

NARROW DIMENSIONAL
TOLERANCES





p. 36 / **FEP**



p. 37 / **FEP-BX**





-60°C ÷ 200°C



Working pressure:
See the table
Bursting pressure:
See the table



Compressed air, vacuum,
water and fluids suitable with
construction materials



Material: Calibrated FEP tube
(melt processable fluoropolymer
resins)

CARATTERISTICHE

- Hardness:
55 - 60 Shore D
- Elongation at break:
250 - 350 %
- Tensile strenght at 23°C:
19 - 25 MPa
- Density:
2,12 - 2,17 g/cm³



Food contact materials
EC 1935/2004



D.M. 174/2004



Products in compliance with
the directive 1907/2006



Products in compliance with
the directive EU 2015/863

PRESSURE CORRECTION SCALE DEPENDING ON TEMPERATURE

	-40°C ÷ 0°C	0°C ÷ 20°C	20°C ÷ 40°C	40°C ÷ 70°C	70°C ÷ 100°C	100°C ÷ 160°C	> 160°C
PRESSURE CORRECTION FACTOR	1,1	1	0,8	0,6	0,4	0,3	0,2

FEP

Calibrated FEP tube



CODE	Ø ODxID	TOLERANCE Ø ODxID	THICKNESS (mm)	MIN. BENDING RADIUS (mm)	WORKING PRESSURE (Bar)	BURSTING PRESSURE (Bar)	g/m	Q.TY FOR ROLL (mt)
FEP0315TR	3x1,5	±0,05	0,75	15	35	105	13	100
FEP0425TR	4x2,5	±0,05	0,75	25	22	66	17	100
FEP0604TR	6x4	±0,07	1	35	19	57	35	100
FEP0806TR	8x6	±0,07	1	40	14	42	48	100

Sizes Ø ODxID	 Transparent
3x1,5	FEPO315TR
4x2,5	FEPO425TR
6x4	FEPO604TR
8x6	FEPO806TR

FEP-BX

Calibrated FEP tube in 25m box



Sizes Ø ODxID	 Transparent
3x1,5	FEPO315TR-25BX
4x2,5	FEPO425TR-25BX
6x4	FEPO604TR-25BX
8x6	FEPO806TR-25BX



PVDF FITTINGS: FOOD CONTACT MATERIALS DECLARATION - EC 1935/2004 *

* Full declaration available on our website (www.tierrefittings.com) or on demand.



Tierre Group S.p.a.
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 Warehouse: Via Dell'Artigianato 2 – 20032 Cormano (MI) – Italy
 Production: Via Marco Biagi 1 – 25045 Castegnato (BS) – Italy
 C.F. e P.IVA IT 12437570158 – Capital €120.000,00 i.v.
 REA MI-1558390



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www.tierregroup.com – info@tierregroup.com

DECLARATION OF CONFORMITY**Materials And Articles Intended To Come Into Contact With Food****TIERRE GROUP S.p.a.****DECLARES**

That the items related to the following product range:

PVDF FITTINGS

In the following series: 1900, 1902, 1910, 1912, 1920, 1925, 1927, 1930, 1932, 1934, 1940, 1950, 1955, 2905, 2910, 2915, 2930, 2935, 2940, 2955, 2960, 2965, 5910, 5920, 5925, 5930, 5935, 5940, 5945, 5950, 5955, 5960

ARE IN COMPLIANCE WITH

EC 1935/2004 regulation of the European Parliament and of the Council dated 27th October 2004
 on materials and articles intended to come into contact with food
 and abrogating the Directives 80/590/EEC and 89/109/EEC

Commission Regulation **EC 2023/2006** dated 22nd December 2006
 on good manufacturing practice for materials and articles intended to come into contact with food

Commission Regulation **EU 10/2011** dated 14th January 2011
 on plastic materials and articles intended to come into contact with food

The items of the above ranges have been produced with the following materials:

PVDF



PVDF FITTINGS: D.M. 174/2004 * DECLARATION

* Full declaration available on our website (www.tierrefittings.com) or on demand.



Tierre Group S.p.a.
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www.tierregroup.com – info@tierregroup.com

**DECLARATION OF CONFORMITY
D.M. 174/2004**

Regulation concerning materials and objects intended to be used in fixed systems for the collection, treatment, adduction and distribution of water for human consumption.

TIERRE GROUP S.p.a.**DECLARES**

that the items related to the following product range:

PVDF FITTINGS

in the following series: 1900, 1902, 1910, 1912, 1920, 1925, 1927, 1930, 1932, 1934, 1940, 1950, 1955, 2905, 2910, 2915, 2930, 2935, 2940, 2955, 2960, 2965, 5910, 5920, 5925, 5930, 5935, 5940, 5945, 5950, 5955, 5960

ARE IN COMPLIANCE WITH

the Italian Decree dated 6th April 2004, n. 174 of the Ministry of Health. Regulation concerning materials and objects intended to be used in fixed systems for the collection, treatment, adduction and distribution of water for human consumption (G.U. n. 166 dated 17-7-2004)

The items of the above ranges have been produced with the following materials:

PVDF

PTFE & FEP TUBES: FOOD CONTACT MATERIALS DECLARATION - EC 1935/2004 *

* Full declaration available on our website (www.tierrefittings.com) or on demand.



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DECLARATION OF CONFORMITY**Materials And Articles Intended To Come Into Contact With Food****TIERRE GROUP S.p.a.****DECLARES**

That the items related to the following product ranges:

PTFE-C TUBES
FEP TUBES

ARE IN COMPLIANCE WITH

EC 1935/2004 regulation of the European Parliament and of the Council dated 27th October 2004
 on materials and articles intended to come into contact with food
 and abrogating the Directives 80/590/EEC and 89/109/EEC

Commission Regulation **EC 2023/2006** dated 22nd December 2006
 on good manufacturing practice for materials and articles intended to come into contact with food

Commission Regulation **EU 10/2011** dated 14th January 2011
 on plastic materials and articles intended to come into contact with food

The items of the above ranges have been produced with the following materials:

PTFE-C TUBES: PTFE
FEP TUBES: FEP

These materials are in compliance with the applicable community regulations concerning materials and articles intended to come into contact with food. Consequently, the products meet the requirements of the European Regulations as listed above.



PTFE & FEP TUBES: D.M. 174/2004 * DECLARATION

* Full declaration available on our website (www.tierrefittings.com) or on demand.



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DECLARATION OF CONFORMITY D.M. 174/2004



Regulation concerning materials and objects intended to be used in fixed systems for the collection, treatment, adduction and distribution of water for human consumption.

TIERRE GROUP S.p.a.

DECLARES

that the items related to the following product ranges:

***PTFE-C TUBES
FEP TUBES***

ARE IN COMPLIANCE WITH

the Italian Decree dated 6th April 2004, n. 174 of the Ministry of Health. Regulation concerning materials and objects intended to be used in fixed systems for the collection, treatment, adduction and distribution of water for human consumption (G.U. n. 166 dated 17-7-2004)

The items of the above ranges have been produced with the following materials:

***PTFE-C TUBES: PTFE
FEP TUBES: FEP***

It's responsibility of the user to check the eventual suitability of the products for the usage at the specific conditions of use. Tierre Group S.p.a. recommends to do a washing cycle of the circuit realized using the products object of this declaration before starting the system.

This declaration doesn't give any indication regarding the usability from a technical and a technological point of view. It's responsibility of the user to check the suitability of the material for the application. At the same time it's responsibility of the industrial and the commercial operators to maintain the traceability of the products supplied by Tierre Group S.p.a.



100





