BARB CONNECTORS PVDF

D.M. 174

NSF

PLUS

- RESISTANT TO CONTACT WITH CHEMICALS AND CAN BE USE IN THE FOOD SECTOR
- RESISTANT TO COSTANT HIGH LEVEL TEMPERATURES
- OPTIMIZATION OF INTERNAL STEPS WHICH GUARANTEE FULL FLUID PASSAGE
- EXTREMLY SIMPLE TO USE FOLLOWING TECHNICAL INFORMATION
- ENVIRONMENTALLY FRIENDLY AND NON-TOXIC
- IT IS RECOMMENDED TO USE 5090 PIPE CLAMPS TO GUARANTEE A BETTER GRIP BETWEEN FITTING AND TUBE



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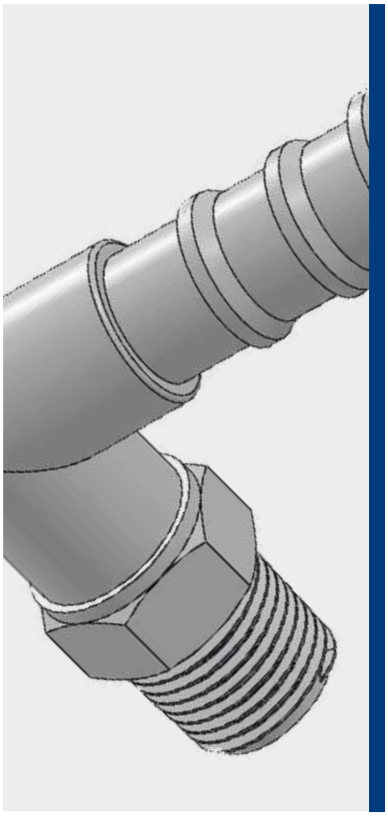
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-20°C ÷ +120°C
Subject to applications

Working pressure:
14 Bar (at 20°C)
Depending on the tube used

Compressed air, water and fluids suitable with construction materials

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

Plastic, silicone, PTFE, FEP and soft PVC tubes

Body: Polyvinylidene fluoride (PVDF)

AVAILABILITY

Available on demand with NPT thread for inch tubes.

Food contact materials
EC 1935/2004

D.M. 174/2004

NSF 61 / NSF 372
NSF certificate on behalf of Tefen Flow and Dosing Technologies Ltd.

Products in compliance with EC Regulation 1907/2006

Products in compliance with the directive EU 2015/863

FEATURES

- The fittings of this series have plastic thread and consecuently we reccomended to avoid excessive force during screwing and to teflon the thread before use in order to prevent any type of loss.
- The connection to the tube must be secured with a 5090 clamp.

DIAMETER OF THE BARB

BARB CONNECTORS - 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

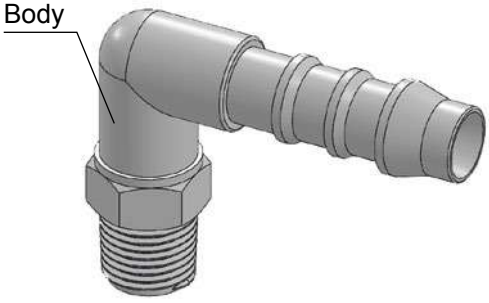


TIGHTENING TORQUE

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

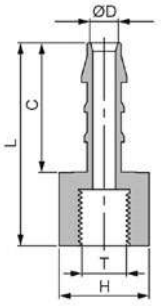


drawings and technical data are not binding & can be changed without notice

5905

Female barb connector BSPT thread



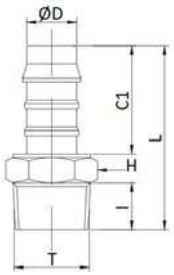


CODE	T	ØD	C	L	H	g
5905TR185	R 1/8"	5	21,0	34,4	14	2,0
5905TR145	R 1/4"	5	21,0	35,0	17	2,7
5905TR385	R 3/8"	5	21,0	36,5	22	4,57
5905TR125	R 1/2"	5	21,5	38,7	26	6,6
5905TR186	R 1/8"	6	23,0	36,3	14	2,15
5905TR146	R 1/4"	6	23,0	37,2	17	2,9
5905TR386	R 3/8"	6	23,0	38,3	22	4,8
5905TR126	R 1/2"	6	23,0	40,8	26	7,0
5905TR188	R 1/8"	8	25,0	38,2	14	2,5
5905TR148	R 1/4"	8	25,0	39,4	17	5,0
5905TR388	R 3/8"	8	25,0	40,4	22	7,1
5905TR128	R 1/2"	8	25,0	42,7	26	3,6
5905TR1410	R 1/4"	10	27,5	41,5	17	5,4
5905TR3810	R 3/8"	10	27,0	42,3	22	7,5
5905TR1210	R 1/2"	10	27,5	45,0	26	4,1
5905TR1412	R 1/4"	12	28,0	42,4	17	6,2
5905TR3812	R 3/8"	12	28,0	43,3	22	8,0
5905TR1212	R 1/2"	12	28,0	46,0	26	6,9
5905TR3814	R 3/8"	14	30,0	45,0	22	8,7
5905TR1214	R 1/2"	14	30,0	47,3	26	9,0
5905TR1216	R 1/2"	16	30,5	48,1	26	9,5
5905TR1219	R 1/2"	19	31,0	48,8	26	10,0

drawings and technical data are not binding & can be changed without notice

5910 Male barb conector BSPT thread

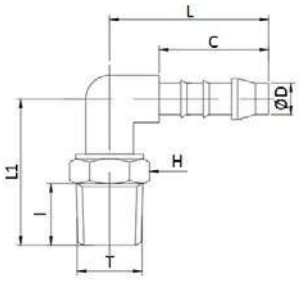




CODE	T	ØD	I	C1	L	H	g
5910TR184	R 1/8"	4	8,0	16,0	31,2	11	1,0
5910TR144	R 1/4"	4	10,0	16,0	33,8	14	1,2
5910TR185	R 1/8"	5	8,0	21,0	34,7	11	1,0
5910TR145	R 1/4"	5	10,0	21,0	38,3	14	1,0
5910TR186	R 1/8"	6	8,0	23,0	37,5	11	1,0
5910TR146	R 1/4"	6	10,0	23,0	39,2	14	2,0
5910TR386	R 3/8"	6	10,0	23,0	39,1	17	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 thread

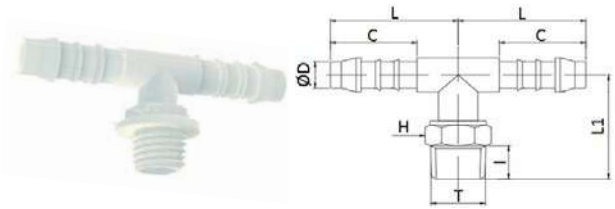




CODE	T	ØD	I	C	L	L1	H	g
5920TR184	R 1/8"	4	8,0	16,0	22,5	21,0	11	1,0
5920TR144	R 1/4"	4	10,0	16,0	22,5	24,0	14	1,0
5920TR185	R 1/8"	5	8,0	21,0	28,0	24,0	11	1,0
5920TR145	R 1/4"	5	10,0	21,0	28,0	26,0	14	3,0
5920TR125	R 1/2"	5	13,0	21,0	28,0	30,0	22	6,0
5920TR186	R 1/8"	6	8,5	23,5	31,5	23,5	11	1,0
5920TR146	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

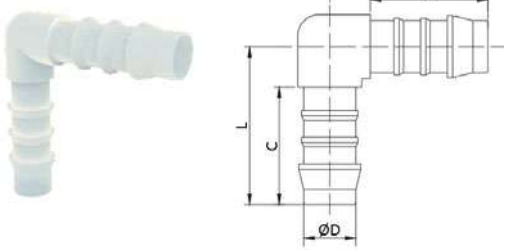
drawings and technical data are not binding & can be changed without notice

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

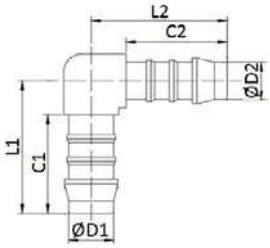
5930 Union elbow barb connector



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

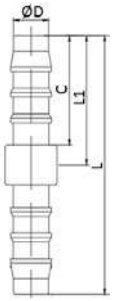




CODE	ØD1	ØD2	C1	C2	L1	L2	g
5935TR54	5	4	21,0	16,0	28,5	23,0	1,0
5935TR64	6	4	21,0	16,0	35,5	29,0	1,0
5935TR65	6	5	23,0	21,0	31,5	28,5	1,5
5935TR86	8	6	25,0	23,0	36,5	31,5	2,0
5935TR106	10	6	27,0	23,0	39,0	31,5	3,8
5935TR108	10	8	27,0	25,0	39,0	36,5	4,0
5935TR1210	12	10	28,0	27,0	40,0	39,0	7,0
5935TR1412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

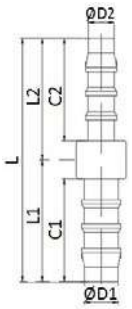




CODE	ØD	C	L	L1	g
5940TR4	4	16,0	36,6	18,0	1,0
5940TR5	5	21,0	47,0	23,5	1,2
5940TR6	6	23,0	52,2	26,0	1,5
5940TR8	8	25,0	59,3	29,0	2,0
5940TR10	10	27,0	63,0	31,5	3,0
5940TR12	12	28,0	66,0	33,0	4,0
5940TR14	14	29,5	71,8	35,5	7,5
5940TR16	16	30,0	72,5	36,0	9,0
5940TR19	19	31,0	73,5	37,0	11,0

5945 Reduced union barb connector

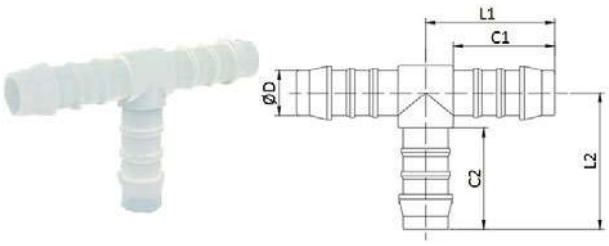




CODE	ØD1	ØD2	C1	L1	C2	L2	L	g
5945TR54	5	4	21,0	23,5	16,0	18,0	42,2	1,0
5945TR64	6	4	23,0	26,0	16,0	18,0	45,7	1,0
5945TR65	6	5	23,0	26,0	21,0	23,5	50,6	1,0
5945TR85	8	5	25,0	29,5	21,0	23,5	54,4	2,0
5945TR86	8	6	25,0	29,0	23,0	26,0	56,3	3,0
5945TR106	10	6	27,0	31,5	23,0	26,0	59,0	3,0
5945TR108	10	8	27,0	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

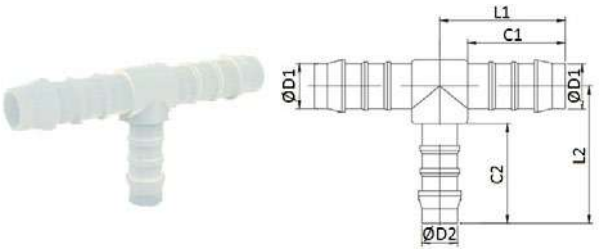
drawings and technical data are not binding & can be changed without notice

5950 Union tee barb connector



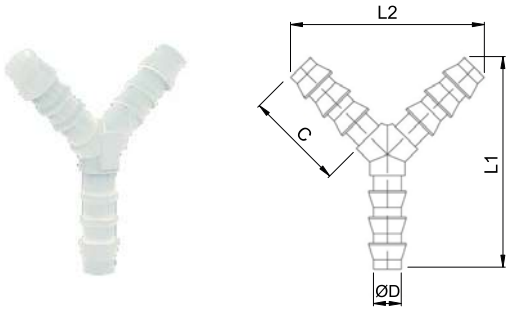
CODE	ØD	C1	L1	C2	L2	g
5950TR4	4	16,0	19,7	16,0	20,5	1,0
5950TR5	5	21,0	25,3	21,0	26,5	1,0
5950TR6	6	23,0	28,0	23,0	29,0	1,0
5950TR8	8	25,0	30,8	25,0	32,5	3,0
5950TR10	10	27,0	33,2	27,0	33,5	5,0
5950TR12	12	28,0	35,2	28,0	37,5	8,0
5950TR14	14	29,5	38,1	29,5	42,5	12,0
5950TR16	16	30,0	39,6	30,0	44,0	13,0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

drawings and technical data are not binding & can be changed without notice