

BARB CONNECTORS

POLYPROPYLENE

PLUS

SUITABLE FOR AIR AND WATER

GOOD CHEMICAL RESISTANCE

**ACCESSORIES FOR HIGHER GRIPPING
AND SAFETY AVAILABLE**





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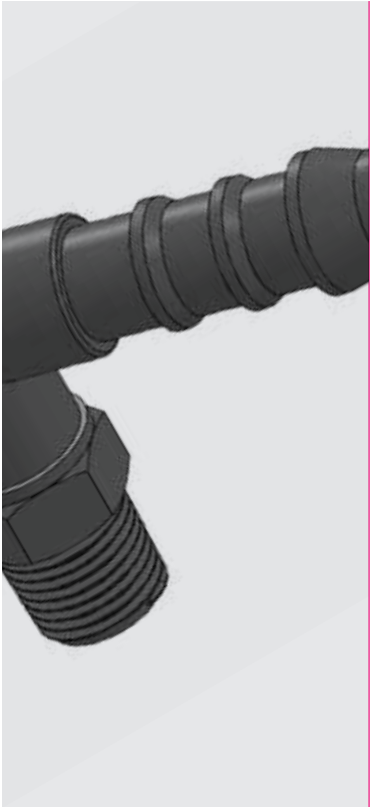
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+4°C ÷ +90°C
Subject to applications



Up to 14 Bar at 20°C



Compressed air, water and fluids suitable with construction materials



Taper gas BSPT ISO 7 from R1/8" to R1"
Parallel gas BSPP ISO 228 from G1/8" to G1"



To be used only for connecting LDPE Agricultural tubes Class 2.5 and Class 4 and other flexible tubes



Polypropylene

FEATURES

Good resistance to chemicals

PRECAUTIONS

- The products are made in plastic and it's necessary to use teflon tape 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



Products in compliance with the directive 2002/95/EC

RoHS2

Products in compliance with the directive 2011/65/EU

DIAMETER OF THE BARB

O.D. EXTERNAL TUBE	Ø12	Ø16	Ø20	Ø25
ØB - barb	11.9 mm	15.8 mm	19.0 mm	23.0 mm

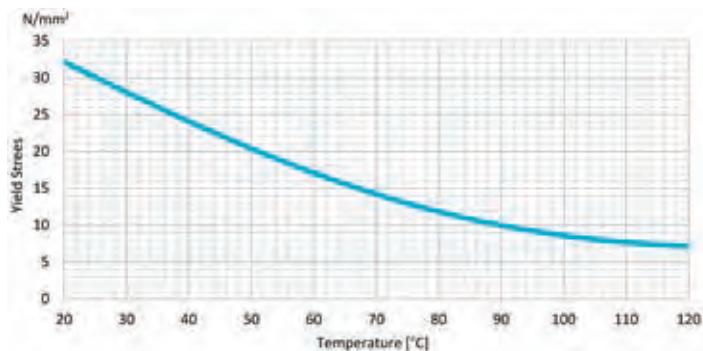


I.D. INTERNAL TUBE	Ø6	Ø8	Ø10	Ø12	Ø14	Ø16	Ø19
ØB - barb	8.1	10.2	12.4	13.9	15.9	18.1	21.0
ØD	6.1	8.1	10.1	11.9	13.8	15.9	18.8



Only for code 5570

YIELD STRESS OF PP AS A FUNCTION OF TEMPERATURE



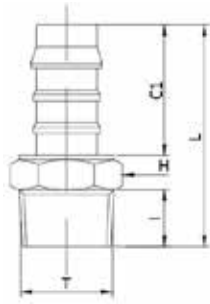
RECOMMENDED TIGHTENING TORQUE

THREAD SIZE	NM	FT LB
1/8	0,01	0,01
1/4	0,3	0,2
3/8	1	1
1/2	2	2
3/4	5	4
1	8	6



5510

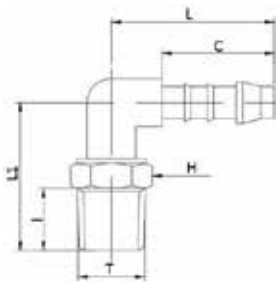
Male barb connector BSPT thread



CODE	T	OD	I	C1	L	H	GR.
5510TR1812	R1/8"	12	7,5	30,0	44,0	14	2,0
5510TR1412	R1/4"	12	11,0	30,0	47,5	14	3,0
5510TR3812	R3/8"	12	10,5	30,0	47,5	17	3,0
5510TR1212	R1/2"	12	13,0	30,0	50,5	22	3,5
5510TR3412	R3/4"	12	13,0	30,0	51,5	27	4,0
5510TR1416	R1/4"	16	10,5	31,0	47,5	22	3,5
5510TR1216	R1/2"	16	13,0	30,0	50,5	22	5,0
5510TR3416	R3/4"	16	13,0	28,0	49,0	27	4,5
5510TR1220	R1/2"	20	13,0	32,5	57,0	22	5,0
5510TR3420	R3/4"	20	13,0	32,5	54,0	27	7,0
5510TR120	R1"	20	18,0	32,5	59,5	29	18,0
5510TR1225	R1/2"	25	13,0	32,5	53,0	22	6,0
5510TR3425	R3/4"	25	13,0	32,5	54,0	27	8,0
5510TR125	R1"	25	17,0	32,5	59,0	29	14,0

5520

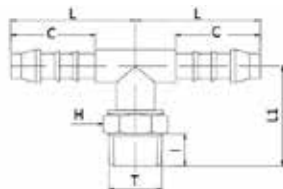
Male elbow barb connector BSPT thread



CODE	T	OD	I	C	L	L1	H	GR.
5520TR1412	R1/4"	12	11,0	30,0	41,0	32,0	14	3,0
5520TR3812	R3/8"	12	11,0	30,0	41,0	32,0	14	4,0
5520TR1212	R1/2"	12	13,0	30,0	41,0	32,0	22	4,5
5520TR3412	R3/4"	12	13,0	30,0	41,0	36,0	27	5,5
5520TR3816	R3/8"	16	11,0	30,0	45,0	28,0	22	6,0
5520TR1216	R1/2"	16	13,0	30,0	43,0	32,0	22	7,0
5520TR3416	R3/4"	16	13,0	30,0	45,0	34,0	27	8,5
5520TR1220	R1/2"	20	13,0	32,5	48,0	35,0	22	10,0
5520TR3420	R3/4"	20	13,0	32,5	48,0	37,0	27	11,0
5520TR1225	R1/2"	25	13,0	32,5	46,0	37,0	27	12,0
5520TR3425	R3/4"	25	13,0	32,5	46,0	38,0	27	13,0

5530

Male tee barb connector BSPT thread

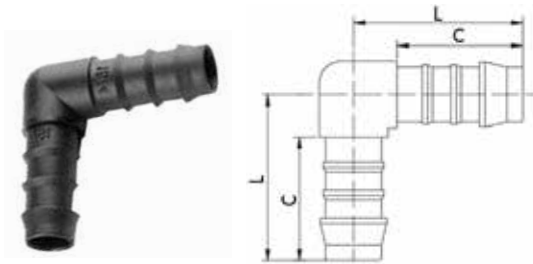


CODE	T	OD	I	C	L	L1	H	GR.
5530TR1412	R1/4"	12	11,0	30,0	41,0	28,0	14	3,0
5530TR3812	R3/8"	12	11,0	30,0	41,0	28,0	22	3,5
5530TR1212	R1/2"	12	13,0	30,0	41,0	32,0	22	5,0
5530TR3412	R3/4"	12	14,0	30,0	41,0	33,0	27	6,0
5530TR3816	R3/8"	16	11,0	30,0	45,0	28,0	17	5,5
5530TR1216	R1/2"	16	13,0	30,0	45,0	33,0	22	7,5
5530TR3416	R3/4"	16	14,0	30,0	45,0	34,0	27	8,5
5530TR1220	R1/2"	20	13,0	32,5	48,0	37,0	22	12,0
5530TR3420	R3/4"	20	14,0	32,5	48,0	38,0	27	14,5
5530TR1225	R1/2"	25	13,0	32,5	45,0	37,0	22	16,5
5530TR3425	R3/4"	25	14,0	32,5	45,0	38,0	27	19,0



5540

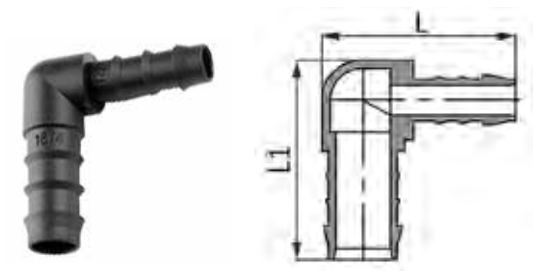
Union elbow barb connector



CODE	OD	C	L	GR.
5540TR12	12	30,0	41,0	3,0
5540TR16	16	30,0	44,0	5,0
5540TR20	20	32,5	47,5	7,5
5540TR25	25	32,5	45,0	11,0

5545

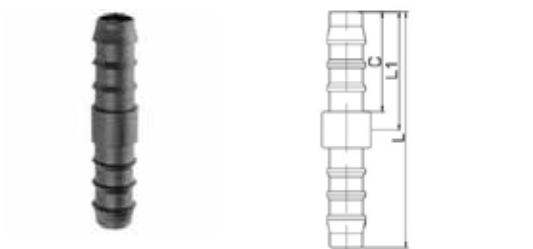
Reducer union elbow barb connector



CODE	OD1	OD2	L	L1	GR.
5545TR1612	16	12	56,2	52,2	4,6
5545TR2012	20	12	56,6	55,5	7,94
5545TR2016	20	16	55,2	56,4	8,7
5545TR2520	25	20	58,4	57,4	10,2

5550

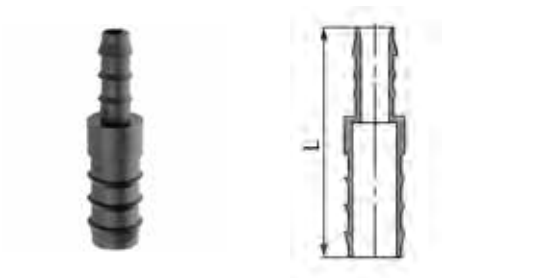
Union barb connector



CODE	OD	C	L1	L	GR.
5550TR12	12	30,0	34,5	69,0	3,0
5550TR16	16	30,0	36,0	72,0	4,0
5550TR20	20	32,5	38,5	77,0	5,0
5550TR25	25	32,5	38,5	77,0	8,0

5555

Reducer union barb connector

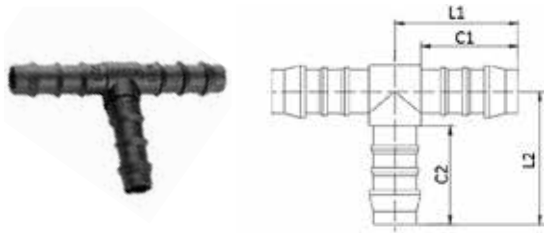


CODE	OD1	OD2	L	GR.
5555TR1612	16	12	71,5	3,7
5555TR2012	20	12	72,6	5,45
5555TR2016	20	16	75,6	5,6
5555TR2520	25	20	76,8	7,3



5560

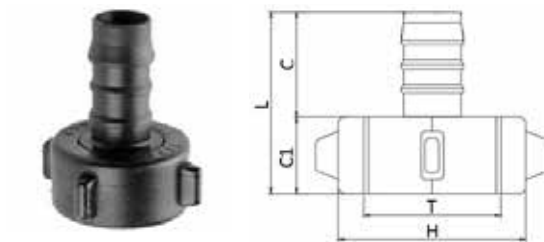
Union tee barb connector



CODE	OD	C1	L1	C2	L2	GR.
5560TR12	12	30,0	36,0	30,0	38,0	3,0
5560TR16	16	30,0	38,0	30,0	40,0	5,0
5560TR20	20	32,5	42,5	32,5	45,0	9,0
5560TR25	25	32,5	45,0	32,5	47,0	13,0

5570

Female swivel barb connector with rubber seal



CODE	T	I.D.	C1	C	L	H	GR.
5570TR346	G3/4"	6	17,0	21,0	38,0	32	8,0
5570TR348	G3/4"	8	14,5	25,0	42,0	32	8,5
5570TR18	G1"	8	14,5	25,0	42,0	38	10,0
5570TR3810	G3/8"	10	16,5	28,0	42,5	32	7,5
5570TR3410	G3/4"	10	16,5	27,0	43,5	32	9,0
5570TR1212	G1/2"	12	16,5	28,0	44,5	24	10,0
5570TR3412	G3/4"	12	16,5	28,0	44,5	32	9,0
5570TR112	G1"	12	16,5	27,0	43,5	38	11,0
5570TR3414	G3/4"	14	16,5	30,0	46,5	32	7,0
5570TR114	G1"	14	16,5	30,0	46,5	38	8,5
5570TR3416	G3/4"	16	16,5	30,0	46,5	32	8,0
5570TR116	G1"	16	16,5	30,0	46,5	38	10,0
5570TR3419	G3/4"	19	16,5	31,0	47,5	32	10,0
5570TR119	G1"	19	16,5	31,0	47,5	38	13,0

5580

Flat rubber seal for female thread



CODE	T	ØD	GR.
5580TR38	G3/8"	15,3	0,6
5580TR12	G1/2"	18,3	0,8
5580TR34	G3/4"	24,7	0,9
5580TR1	G1"	31,3	1,2

