

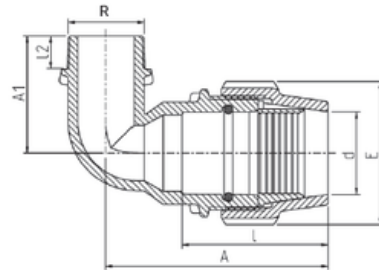
90° RURAL MALE ELBOW

The Plasson Metric Compression Fittings are made using heavy-duty polypropylene and a unique Captive O-Ring for a watertight seal. Rated to PN16 for water, these fittings are ideal for potable and recycled water, compressed air, and other industrial applications. Watermark-approved, this range of fittings is compact, UV, chemical, and corrosion-resistant, and suitable for tight spaces. Available with optional enhanced O-rings.



FEATURES AND BENEFITS

- Heavy Duty Polypropylene material
- Unique Captive O-Ring creates a watertight connection
- Rated to PN16 for water - High pressure applications
- Suitable for potable water (AS/NZS 4020), Watermark approved AS/NZS 4129:2020
- Suitable for water, recycled water, compressed air, and other industrial applications
- UV, chemical and corrosion resistant
- Impact and abrasion resistant
- Compact design for tight spaces
- O-rings and grip rings with higher chemical resistance available



Product Code	Rural (d) x BSP (R)	E	I	A	A1	I2	Bag	Carton	W
7850001	3/4" x 1/2"	48	28	84	41	17	10	300	70
7850002	3/4" x 3/4"	48	28	84	43	18	10	300	70
7850003	1" x 1/2"	54	30	98	47	17	10	200	80
7850004	1" x 3/4"	54	30	98	48	18	10	200	90
7850005	1" x 1"	54	30	98	54	20	10	200	100
7850006	1.1/4" x 3/4"	64	37	116	55	18	5	100	140
7850007	1.1/4" x 1"	64	37	116	55	20	5	100	140
7850008	1.1/4" x 1.1/4"	64	37	116	58	22	5	100	150
7850009	1.1/2" x 1"	82	50	142	60	20	1	65	270
7850010	1.1/2" x 1.1/4"	82	50	142	66	22	1	70	240
7850011	1.1/2" x 1.1/2"	82	50	142	66	22	1	60	250
7850012	2" x 1"	96	50	153	71	20	1	50	320
7850013	2" x 1.1/4"	96	50	153	74	22	1	50	340
7850014	2" x 1.1/2"	96	50	153	74	22	1	50	350
7850015	2" x 2"	96	50	153	76	26	1	50	400

TECHNICAL SPECIFICATIONS

- Body: Polypropylene, high-grade copolymer.
- Nut: Polypropylene, high-grade copolymer.
- Grip Ring: Acetal POM (CPVC also available).
- Seal: NBR or EPDM (FPM also available).
- Reinforcing Ring: Stainless steel on all female offtakes from 1" up to 4".
- Bolts (160mm fittings): Plated steel.
- Nuts (160mm fittings): Stainless steel.

OPERATING TEMPERATURES

Refer to the PIPA POP013 guidelines.
Link: <https://shorturl.at/jDKWZ>

THREADS

- All threads conform to ISO-7/1 (BSPT),
- BS 21 - 1973, DIN 2999, NEN 3258, AS 1722 Part 1 - 1975.
- All internal (female) threads smaller than 3" are parallel (Rp).
- All other threads (male and female) are tapered (R).
- Plasson recommend the use of PTFE tape in threaded

CHEMICAL RESISTANCE

PLASSON Fittings are supplied, as standard, with polyacetal split rings and NBR O-rings which are suitable for water. For aggressive chemical applications CPVC split rings and EPDM or FPM O-rings can be supplied to produce a higher chemical resistance.

INSTALLATION

Before installation ensure that the end of the pipe to be inserted into the fitting is free of scratches and other imperfections and that both the pipe and the fitting itself are clean of sand, mud, stones etc. Do not over tighten nut when closing. Never use wrenches or spanners with handle lengths longer than 46 cm - excessive torque during tightening can spread nut cone and result in pull outs. If fittings are reused, Plasson recommend replacing the grip ring with a new one. Refer to individual installation instructions.

QUALITY CERTIFICATES

Plasson fittings are tested and approved according to ISO 17885 (replaced ISO 14236), water and AS/NZ 4129.