

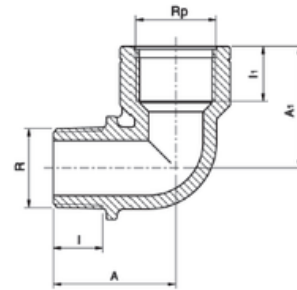
90° THREADED ELBOW MALE x FEMALE

The Plasson 1/2" Male x 1/2" Female Poly Threaded Elbow, made from heavy-duty polypropylene, offers both durability and reliability. Watermark approved and suitable for potable water (AS/NZS 4020), it meets AS/NZS 4129:2020 standards. Its hexagon shape ensures easy handling, while tapered threads maximize sealing. UV, chemical, and corrosion-resistant, this item is lightweight, durable, and easy to work with.



FEATURES AND BENEFITS

- Heavy Duty Polypropylene material
- Suitable for potable water (AS/NZS 4020), Watermark approved
- All fittings made to Australian Standard AS/NZS 4129:2020 with ISO 7.1 thread
- Hexagon shaped for easy use with all tools
- Tapered male threads to maximise sealing effectiveness
- UV, chemical and corrosion resistant
- Light and durable - easy to work with



Product Code	Size R x Rp	A	A1	I	I1	Bag	Carton	W	PN
5150001	1/2" x 1/2"	36	36	16	17	10	1000	17	16
5150002	3/4" x 3/4"	40	40	17	18	10	700	25	16
5150003	1" x 1"	45	47	19	21	10	400	40	16

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.

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.

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.

OPERATING TEMPERATURES

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

QUALITY CERTIFICATES

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