

90° THREADED ELBOW MALE × FEMALE

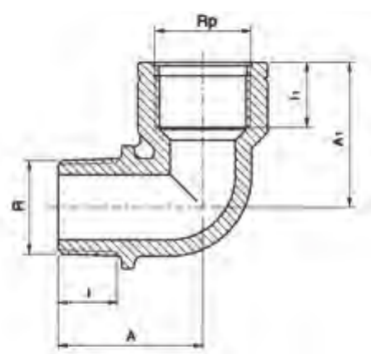
5150

Plasson threaded fittings are manufactured from heavy-duty Polypropylene for increased strength and enhanced chemical resistance. The 90 degree Threaded Elbow Male × Female provides a right-angle BSP connection with a tapered male thread (R, BSPT) at one end and a parallel female thread (Rp) at the other. Threads are made to ISO 7.1, equivalent to Australian Standard AS ISO 7.1. The enhanced stiffness of the Plasson Polypropylene fitting ensures a good seal between male and female threads. WaterMark approved and suitable for potable water (AS/NZS 4020), the fitting is UV, chemical and corrosion resistant — lightweight, durable and easy to work with.



FEATURES AND BENEFITS

- Heavy duty Polypropylene material
- Enhanced chemical resistance
- Rated to PN16 for water
- Tapered male (R) and parallel female (Rp) threads to ISO 7.1
- Hexagonal body for easy use with all standard tools
- UV, chemical and corrosion resistant
- Suitable for potable water (AS/NZS 4020), WaterMark approved
- Certified to AS/NZS 4129:2020 – ISO Type 5 and WaterMark licences



Product Code	Size R × Rp	A	A1	I	I1	Bag	Carton	W	PN
5150001	½" × ½"	36	36	16	17	10	1000	17	16
5150002	¾" × ¾"	40	40	17	18	10	700	25	16
5150003	1" × 1"	45	47	19	21	10	400	40	16

Dimensions in mm. W = weight (g). PN = pressure rating for water at 20°C.

TECHNICAL SPECIFICATIONS

- Body: Polypropylene (PP), high-grade copolymer.
- Threads to ISO 7.1 / AS ISO 7.1.

INSTALLATION

A jointing medium — typically PTFE thread tape — is required to form a seal in BSP threaded connections. Ensure threads are clean and free of debris before assembly. Refer to individual installation instructions supplied with each fitting.

THREADS

- Male thread is tapered (BSPT), referred to as R.
- Female thread is parallel (BSPP), referred to as Rp.
- Plasson recommend the use of PTFE tape in BSP threaded connections.

OPERATING TEMPERATURES

Refer to the PIPA POP013 guidelines.

Link: <https://pipa.com.au/technical/pop-guidelines/>

QUALITY CERTIFICATES

Plasson threaded fittings are certified to AS/NZS 4129:2020 and hold both ISO Type 5 and WaterMark licences. Suitable for potable water in accordance with AS/NZS 4020.