PLASSON AUSTRALIA

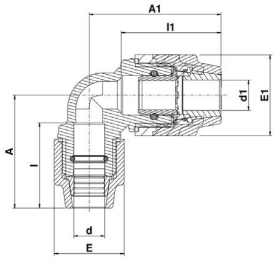
METRIC POLY TO COPPER ELBOW 7056

The Plasson Metric Poly to Copper Elbow connects metric PE pipe directly to copper tube at a 90° change of direction, with no soldering, brazing or threaded adaptors required. The metric end uses the standard Plasson compression connection, while the copper end grips the tube with a stainless steel grip ring; both ends seal with a captive o-ring. Made from heavy-duty polypropylene and rated PN16 for water, the range is suitable for potable and recycled water, plumbing, compressed air and irrigation applications.

FEATURES AND BENEFITS

- Connects metric PE pipe to copper tube in a single fitting
- Heavy-duty polypropylene body — UV, chemical and corrosion resistant
- Captive o-ring creates a watertight connection on both ends
- Suitable for potable water — AS/NZS 4020 approved
- Impact and abrasion resistant; compact design for tight spaces
- O-rings and grip rings with higher chemical resistance available





Product Code	Size d (PE) x d1 (Cu)	E	E1	I	I1	A	A1	Bag	Carton	W	PN
7056001	20 x 15 (1/2”)	48	48	56	56	73	73	1	200	123	16
7056002	20 x 20 (3/4”)	54	48	58	57	90	75	1	150	123	16
7056003	25 x 15 (1/2”)	54	48	58	57	90	75	1	150	123	16
7056004	25 x 20 (3/4”)	54	54	58	58	79	79	1	150	138	16
7056005	25 x 25 (1”)	54	54	58	58	79	79	1	150	123	16

Dimensions in mm. d = metric PE pipe OD. d1 = copper tube size. W = weight in grams. Bag / Carton = units per pack.

MATERIALS

- **Body and nuts:** Polypropylene (PPB), high-grade copolymer
- **Grip ring (PE end):** Acetal (POM). CPVC available for aggressive chemical applications
- **Copper grip ring:** Stainless steel 316
- **Seals:** NBR o-rings. EPDM and FPM o-rings available for enhanced chemical resistance

INSTALLATION

Metric pipe end: 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.
Chamfer and lubricate pipe to aid insertion.
Insert pipe until it hits the end stop.
Tighten firmly by hand.
If fittings are reused, Plasson recommend replacing the grip ring with a new one.

Copper tube end: Cut the copper tube square and remove all burrs inside and out. Ensure the tube end is round, clean and free of scratches or score marks. Insert the tube until it hits the end stop and tighten the brown nut firmly by hand, then a further 3/4 turn with wrenches. If the fitting is reused, a new stainless steel split ring must be inserted.

COPPER TUBE

- Copper end suits 15mm (1/2"), 20mm (3/4") and 25mm (1") copper tube sizes.
- Stainless steel grip ring grips the tube; no soldering or brazing required.

OPERATING TEMPERATURES

Designed for cold water services.
Refer to the PIPA POP013 guidelines.
Link: https://pipa.com.au/technical/pop-guidelines/

QUALITY CERTIFICATES

Plasson fittings are third party certified to conform to AS/NZS 4129:2020. This certification is backed up with WaterMark approval and WSAA Appraisals. All materials are AS/NZS 4020 tested and suitable for use in drinking water.