PLASSON AUSTRALIA

COMPRESSION FLANGE ADAPTOR

WITH METAL FLANGE

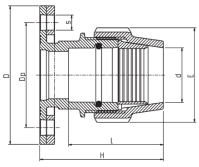
7220

The Plasson Metric Compression Flange Adaptor combines an electroplated galvanised steel flange with a heavy-duty polypropylene compression body, providing a fast, reliable transition from metric (blue line) poly pipe to flanged valves, pumps and pipework. The flange is drilled to the ISO (EN 1092-1 PN16) pattern and the compression end seals and grips the pipe without special tools.

FEATURES AND BENEFITS

- Electroplated galvanised steel flange with proprietary passivation for corrosion protection
- ISO (EN 1092-1 PN16) flange drilling — generally compatible with AS2129 Table E flanges of matching PCD and hole pattern
- Heavy-duty polypropylene compression body — UV and corrosion resistant
- Suitable for potable water — AS/NZS 4020 approved





Product Code	Size d x ISO Flange	E	H	I	D	Dp	S	No. of Holes	Carton	W	PN
7220001	50 x 40 (1.1/2")	96	128	93	150	110	18	4	20	1213	16
7220002	50 x 50 (2")	96	128	93	165	125	18	4	15	1517	16
7220003	63 x 50 (2")	113	145	110	165	125	18	4	15	1563	16
7220004	75 x 65 (2.1/2")	134	164	152	185	145	18	4	12	2089	16
7220005	90 x 100 (4")	154	195	183	220	180	18	8	8	3161	16
7220006	110 x 100 (4")	181	235	222	220	180	18	8	8	3322	16
7220007	125 x 125 (5")	212	270	250	250	210	22	8	4	5550	12.5
7220008	125 x 150 (6")	212	270	250	285	240	22	8	3	7037	12.5

Dimensions in mm. D = flange OD, Dp = PCD, S = bolt hole diameter. W = weight in grams. Carton = units per pack.

MATERIALS

- **Body and nut:** Polypropylene (PPB), high-grade copolymer
- **Flange:** Steel, galvanised via electroplating then protected with a proprietary passivation process
- **Grip ring:** Acetal (POM). CPVC available for aggressive chemical applications
- **Seal:** NBR o-ring. EPDM and FPM o-rings available for enhanced chemical resistance

FLANGE PATTERN

- **Flange dimensions:** ISO 7005-1 (Table 11), BS 4504:1989 (Table 11), DIN 2501 (PN16) and AS/NZS 4331
- **Flange compatibility:** AS2129 Table E flanges of matching PCD and hole pattern can be bolted to the ISO flange — the user is responsible for confirming suitability

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.

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.
For fittings 40mm and greater, use a wrench with a maximum handle length of 46cm to tighten a further half a turn.
If fittings are reused, Plasson recommend replacing the grip ring with a new one.

Flange: PIPA POP007 guideline provides advice on flange installations for polyethylene pipe systems.

OPERATING TEMPERATURES

Refer to the PIPA POP013 guidelines.
Link: https://pipa.com.au/technical/pop-guidelines/