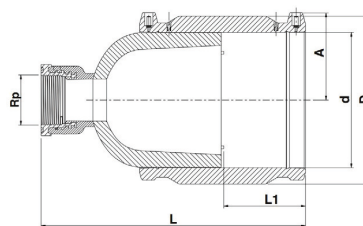


ELECTROFUSION TEST END CAP

Plasson Electrofusion fittings are globally recognised as best in class. The Plasson SmartFuse electrofusion test end cap terminates PE pipeline with a fully welded connection point to a thread for pressure test equipment, gauges, air valves or small threaded fixtures. Integrated resistors enable automatic weld time recognition when used with a Plasson electrofusion machine, with a single weld time between -10°C and +45°C. Available in 90 to 315mm, the range is rated PN16 for water and is suitable for gas, water, recycled water, compressed air and other industrial applications.



90mm to 315mm



90mm to 315mm

FEATURES AND BENEFITS

- High quality PE100-RC resins
- Convenient and efficient solution to join small threaded fixtures to large PE pipes
- Solid lead-free brass 2" BSP female thread
- Reduces installation time and labour costs on both new and existing pipelines
- Coated coils protect the electrical design and offer superior gap filling properties
- Large welding and cooling zones for joint integrity
- SmartFuse automatic weld time recognition eliminates manual input errors
- Suitable for gas, water, recycled water, compressed air and other industrial applications

Product Code	Size d x Rp	L	L1	D	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4931300	90 x 2"	250	73	117	70	20	1450	16	11	7.4-17
4931301	110 x 2"	273	78	140	81	14	1889	16	11	7.4-17
4931302	125 x 2"	289	85	157	87	12	2332	16	11	7.4-17
4931303	140 x 2"	304	90	174	97	8	2976	16	11	7.4-17
4931304	160 x 2"	328	93	194	105	8	3620	16	11	7.4-21
4931305	180 x 2"	358	105	218	116	4	4789	16	11	7.4-17
4931306	200 x 2"	356	109	242	126	4	5890	16	11	7.4-17
4931307	225 x 2"	385	119	272	138	2	7890	16	11	7.4-17
4931308	250 x 2"	411	123	311	156	1	9010	16	11	7.4-21
4931309	280 x 2"	463	134	340	170	1	12370	16	11	7.4-17
4931310	315 x 2"	472	139	387	184	1	16680	16	11	7.4-26

Dimensions in mm. W = weight in grams. Carton = units per pack. PN Water = pressure rating on water. SDR Gas = SDR rating of the fitting. Pipe SDR Suitability = SDR range of pipe the fitting can be welded to.

MATERIALS

- **Body:** PE100-RC (crack resistant) resin, black
- **Heating coil:** Coated, embedded in the fitting body
- **Threaded insert:** Lead-free DZR (dezincification resistant) brass

INSTALLATION

Plasson Australia no longer publish generic how to perform electrofusion instructions. Plasson Australia recommend installation as per POP001 – Electrofusion Jointing of PE Pipe and Fittings for Pressure Applications as published by Plastics Industry Pipe Association of Australia (PIPA). This is free to download from <https://pipa.com.au>

OPERATING TEMPERATURES

Refer to the PIPA POP013 guidelines.

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

CHEMICAL RESISTANCE

Plasson electrofusion fittings are made from high quality PE100-RC (crack resistant) resins. For chemical purposes they are considered as being made from HDPE, high density polyethylene.

WELDING

- Integrated resistors for automatic weld time recognition (SmartFuse) when used with a Plasson electrofusion machine.
- Single weld time between -10°C and +45°C.
- ISO 13950 compliant barcode system.

THREADS

- Female threads are parallel (BSPP), referred to as Rp.
- Threads to AS ISO 7.1
- Plasson recommend the use of PTFE tape in BSP threaded connections.

QUALITY CERTIFICATES

Plasson fittings are tested and approved according to AS/NZS 4129:2020. These fittings are included in schedules for WaterMark, ISO Type 5 Certificate of Conformity and have been WSAA appraised.

Electrofusion fittings are batch controlled. Record the batch number on the fitting label and contact Plasson Australia for a copy of the EN 10204 3.1 Inspection Certificate.