

ELECTROFUSION 90° EQUAL TEE

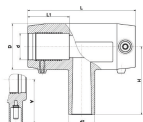
Plasson Electrofusion fittings are globally recognised as best in class. Plasson SmartFuse electrofusion equal tees provide a full bore 90° branch from a PE main, with integrated resistors that enable automatic weld time recognition when used with a Plasson electrofusion machine, and a single weld time between -10°C and +45°C. The coated coil system is widely regarded as the easiest to use in the trench. Rated PN16 for water, the range is suitable for gas, water, recycled water, compressed air and other industrial applications.

FEATURES AND BENEFITS

- High quality PE100-RC resins
- Full bore SDR11 spigot outlets for better flow
- 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



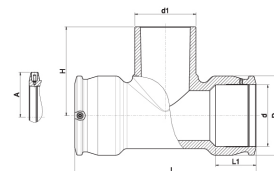
20mm to 75mm



20mm to 75mm



90mm to 250mm



90mm to 250mm

Product Code	Size d x d1 x d	L	L1	D	H	A	Carton	W	PN Water	SDR Gas	Pipe SDR Suitability
4904001	20 x 20 x 20	96	37	33	60	39	260	61	16	11	7.4-11
4904002	25 x 25 x 25	103	39	44	66	43	168	110	16	11	7.4-11
4904003	32 x 32 x 32	104	39	44	74	43	144	97	16	11	7.4-11
4904004	40 x 40 x 40	120	43	56	90	47	96	165	16	11	7.4-17
4904005	50 x 50 x 50	139	48	68	102	52	56	257	16	11	7.4-17
4904006	63 x 63 x 63	167	58	82	119	58	32	417	16	11	7.4-17
4904007	75 x 75 x 75	196	63	96	129	62	26	639	16	11	7.4-17
4904008	90 x 90 x 90	294	71	113	137	71	15	1090	16	11	7.4-17
4904009	110 x 110 x 110	326	71	143	160	81	8	1955	16	11	7.4-17
4904010	125 x 125 x 125	382	86	165	177	88	4	2950	16	11	7.4-17
4904011	160 x 160 x 160	396	97	209	222	105	3	4758	16	11	7.4-17
4904012	180 x 180 x 180	422	106	245	250	116	1	7200	16	11	7.4-17
4904013	200 x 200 x 200	451	114	261	265	125	1	8650	16	11	7.4-17
4904014	225 x 225 x 225	494	122	293	290	140	1	11860	16	11	7.4-17
4904015	250 x 250 x 250	538	129	326	315	152	1	16250	16	11	7.4-17

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 tee can be welded to.

MATERIALS

- **Body:** PE100-RC (crack resistant) resin, black
- **Heating coil:** Coated, embedded in the fitting body

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/>

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.

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.

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.