45° BRANCH TEE LONG SPIGOT

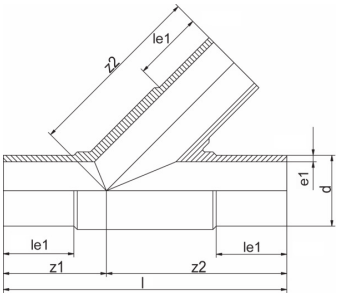
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Simona 45° branch tee long spigot fittings provide an equal size branch off a PE100 main at 45°, giving a smoother flow path into and out of the branch. The long spigot ends suit both electrofusion jointing with Plasson electrofusion couplers and butt fusion welding with standard clamping equipment. Made from high quality PE100-RC resins and available in SDR11 (PN16) and SDR17 (PN10) from 63mm to 110mm, the range is suitable for potable and recycled water, sewer, gas, compressed air, irrigation, mining, industrial and civil applications.

FEATURES AND BENEFITS

- Equal size branch and main run in one fitting
- Long spigot ends suit both electrofusion and butt fusion jointing
- Spigot wall thickness matched to pipe SDR for a flush weld
- High quality PE100-RC resins
- Injection moulded for consistent dimensions and wall thickness
- Suitable for water, recycled water, sewer, gas, compressed air and other industrial applications





Product Code	d	z1	z2	le1	l	e1	SDR	PN
8137001	63	97	162	69	259	5.8	11	16
8137002	75	109	190	77	299	6.8	11	16
8137003	90	137	230	85	367	8.2	11	16
8137004	110	137	260	90	397	10	11	16
8137005	63	94	162	70	256	3.8	17	10
8137006	75	109	190	77	299	4.5	17	10
8137007	90	135	230	85	365	5.4	17	10
8137008	110	139	260	90	399	6.6	17	10

Dimensions in mm.

MATERIALS

- Body: PE100-RC

INSTALLATION

Spigot ends are suitable for electrofusion jointing with Plasson electrofusion couplers or butt fusion welding. Prepare and weld in accordance with PIPA POP001 (electrofusion) and PIPA POP003 (butt fusion). Link: https://pipa.com.au/technical/pop-guidelines/

CHEMICAL RESISTANCE

Simona spigot fittings are made from high quality PE100-RC (crack resistant) resins and have the same chemical resistance as PE100 pipe. Refer to the PIPA guidelines for the chemical resistance of polyethylene or contact Plasson Australia for specific applications.

OPERATING TEMPERATURES

Pressure ratings apply at 20°C. Refer to the PIPA POP013 guidelines for de-rating at elevated temperatures. Link: https://pipa.com.au/technical/pop-guidelines/

QUALITY CERTIFICATES

Simona fittings are tested and approved according to AS/NZS 4129:2020. These fittings are included in schedules for ISO Type 5 Certificate of Conformity and WSAA Appraisals. Spigot 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.

MANUFACTURED BY SIMONA

Plasson Australia is the exclusive Australian distribution partner of SIMONA AG. Headquartered in Kirn, Germany, SIMONA is a leading manufacturer of high quality thermoplastic products with production facilities and sales offices worldwide.