45° ELBOW LONG SPIGOT

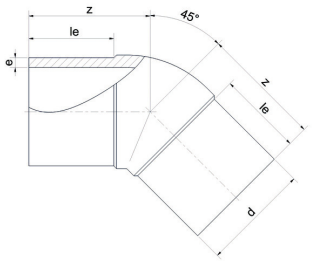
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Simona 45° elbow long spigot fittings provide a 45° change of direction in a PE100 pipeline in a single injection moulded fitting. The long spigot ends suit both electrofusion jointing with Plasson electrofusion couplers and butt fusion welding with standard clamping equipment. Made from high quality PE100-RC resins and available in SDR11 (PN16) and SDR17 (PN10), the range is suitable for potable and recycled water, sewer, gas, compressed air, irrigation, mining, industrial and civil applications.

FEATURES AND BENEFITS

- 45° change of direction 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	z	le	e	SDR	PN
8192063	20	72	52	1.9	11	16
8192064	25	75	57	2.3	11	16
8192001	32	90	71	3	11	16
8192002	40	95	74	3.7	11	16
8192003	50	76	62	4.6	11	16
8192004	63	88	66	5.8	11	16
8192005	75	90	71	6.8	11	16
8192006	90	105	83	8.2	11	16
8192007	110	121	93	10	11	16
8192008	125	137	99	11.4	11	16
8192009	140	168	121	12.7	11	16
8192010	160	190	142	14.6	11	16
8192011	180	196	141	16.4	11	16
8192012	200	207	153	18.2	11	16
8192013	225	210	154	20.5	11	16
8192014	250	220	133	22.7	11	16
8192015	280	227	144	25.4	11	16
8192016	315	250	155	28.6	11	16
8192017	50	76	61	3	17	10
8192018	63	88	65	3.8	17	10
8192019	75	90	71	4.5	17	10
8192020	90	105	83	5.4	17	10
8192021	110	121	91	6.6	17	10
8192022	125	137	97	7.4	17	10
8192023	140	168	120	8.3	17	10
8192024	160	190	142	9.5	17	10
8192025	180	196	141	10.7	17	10
8192026	200	207	152	11.9	17	10
8192027	225	210	153	13.4	17	10
8192028	250	220	133	14.8	17	10
8192029	280	227	142	16.6	17	10
8192030	315	250	154	18.7	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.