90° BEND LONG SPIGOT

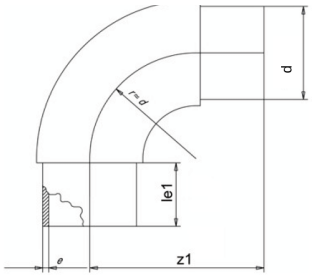
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Simona 90° bend long spigot fittings provide a smooth, long radius 90° change of direction in a PE100 pipeline in a single injection moulded fitting. The bend is formed on a centreline radius equal to the pipe diameter (r = d), with extended straight spigot ends to 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

- Long radius (r = d) 90° bend for smooth flow
- 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	le1	e	SDR	PN
8191001	32	79	48	3	11	16
8191002	40	92	52	3.7	11	16
8191003	50	107	59	4.6	11	16
8191004	63	131	69	5.8	11	16
8191005	75	153	76	6.8	11	16
8191006	90	173	83	8.2	11	16
8191007	110	195	84	10	11	16
8191008	125	216	92	11.4	11	16
8191009	140	237	96	12.7	11	16
8191010	160	262	103	14.6	11	16
8191011	180	294	115	16.4	11	16
8191012	200	317	122	18.2	11	16
8191013	225	351	131	20.5	11	16
8191014	250	382	133	22.7	11	16
8191015	280	432	153	25.4	11	16
8191016	315	471	154	28.6	11	16
8191035	355	560	180	32.2	11	16
8191037	400	625	190	36.3	11	16
8191031	450	645	195	40.9	11	16
8191032	500	710	212	45.4	11	16
8191017	50	108	59	3	17	10
8191018	63	130	67	3.8	17	10
8191019	75	153	76	4.5	17	10
8191020	90	173	83	5.4	17	10
8191021	110	195	84	6.6	17	10
8191022	125	216	92	7.4	17	10
8191023	140	237	97	8.3	17	10
8191024	160	262	103	9.5	17	10
8191025	180	290	113	10.7	17	10
8191026	200	317	122	11.9	17	10
8191027	225	350	130	13.4	17	10
8191028	250	382	134	14.8	17	10
8191029	280	430	154	16.6	17	10

Product Code	d	z1	le1	e	SDR	PN
8191030	315	465	153	18.7	17	10
8191036	355	560	180	20.1	17.6	10
8191038	400	625	190	22.7	17.6	10
8191033	450	645	195	26.7	17	10
8191034	500	710	212	29.7	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

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