90° BEND SHORT SPIGOT

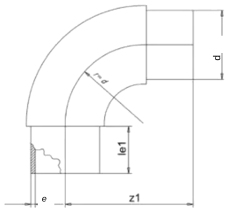
8101

Simona 90° bend short spigot fittings provide a long radius (r = d) change of direction in a PE100 pipeline with a compact overall length. Sizes 180 through to 400mm have a multi-bend profile, allowing the fitting to be cut and re-welded to make any angle by butt weld fabrication. The short spigot is designed for butt fusion welding only and is injection moulded from PE100-RC with the spigot wall thickness matched to the pipe SDR for a flush weld. 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.

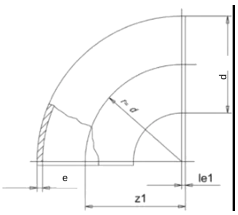
FEATURES AND BENEFITS

- Long radius (r = d) bend for low head loss and smooth flow
- Short spigot for butt fusion welding only
- 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





20–160mm and 450–500mm



180–400mm

Product Code	d	z1	le1	e	SDR	PN
8101382	20	38	18	2	11	16
8101383	25	43	18	2.3	11	16
8101384	32	53	22	3	11	16
8101385	40	61	22	3.7	11	16
8101386	50	72	22	4.6	11	16
8101387	63	86	22	5.8	11	16
8101388	75	98	22	6.8	11	16
8101389	90	113	25	8.2	11	16
8101390	110	138	28	10	11	16
8101391	125	157	32	11.4	11	16
8101392	140	175	35	12.7	11	16
8101393	160	200	40	14.6	11	16
8101394	180	183	10	16.4	11	16
8101395	200	205	15	18.2	11	16
8101396	225	235	15	20.5	11	16
8101397	250	260	10	22.7	11	16
8101398	280	290	10	25.4	11	16
8101399	315	322	15	28.6	11	16
8101400	355	380	30	32.2	11	16
8101401	400	430	35	36.3	11	16
8101430	450	510	60	40.9	11	16
8101431	500	560	60	45.4	11	16
8101402	50	72	22	3	17	10
8101403	63	86	22	3.8	17	10
8101404	75	98	22	4.5	17	10
8101405	90	113	25	5.4	17	10
8101406	110	138	28	6.6	17	10
8101407	125	157	32	7.4	17	10
8101408	140	175	35	8.3	17	10
8101409	160	200	40	9.5	17	10
8101410	180	183	10	10.2	17.6	10
8101411	200	202	15	11.4	17.6	10
8101412	225	230	10	12.8	17.6	10
8101413	250	249	10	14.2	17.6	10
8101414	280	280	10	15.9	17.6	10
8101415	315	318	15	17.9	17.6	10

Product Code	d	z1	le1	e	SDR	PN
8101416	355	376	30	20.1	17.6	10
8101417	400	430	35	22.7	17.6	10
8101432	450	510	60	26.7	17	10
8101433	500	560	60	29.7	17	10

Dimensions in mm.

MATERIALS

- Body: PE100-RC

INSTALLATION

Short spigot ends are suitable for butt fusion welding only. Prepare and weld in accordance with 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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