PLASSON® AUSTRALIA

STUB FLANGE LONG SPIGOT

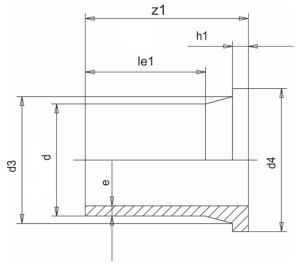
8194

The SIMONA stub flange long spigot provides a flanged connection point on PE100 pipelines for joining to valves, pumps, fittings and metal pipework. The long spigot is welded to the PE pipe by electrofusion or butt fusion, and the stub face is clamped by a loose backing ring which carries the bolts, so the ring can be rotated to align with any mating flange drilling. Injection moulded from high quality PE100-RC (crack resistant) resins, the range covers 20mm to 710mm in SDR11 (PN16) and 50mm to 900mm in SDR17 (PN10) and is suitable for potable and recycled water, sewer, gas, compressed air, mining and other industrial applications.

FEATURES AND BENEFITS

- High quality PE100-RC resins
- Long spigot suitable for electrofusion or butt fusion jointing
- Loose backing ring rotates to align with any flange drilling pattern
- SDR11 and SDR17 wall thickness options to match the pipe
- Injection moulded spigot conforms to AS/NZS 4129
- Full face flange versions available in a separate data sheet





Product Code	Size d	Z1	le1	d4	e	h1	d3	PN	SDR
8194035	20	85	62	45	2	7	27	16	11
8194036	25	90	62	58	2.3	9	33	16	11
8194001	32	86	62	68	3	10	40	16	11
8194002	40	89	62	72	3.7	11	50	16	11
8194003	50	90	62	82	4.6	12	60	16	11
8194004	63	106	70	94	5.8	14	75	16	11
8194005	75	129	94	105	6.8	16	89	16	11
8194006	90	140	100	125	8.2	17	105	16	11
8194007	110	160	113	158	10	18	125	16	11
8194008	125	170	116	158	11.4	25	132	16	11
8194009	140	182	128	188	12.7	25	155	16	11
8194010	160	208	155	212	14.6	25	175	16	11
8194011	180	202	168	212	16.4	30	186	16	11
8194012	200	206	140	268	18.2	32	232	16	11
8194013	225	201	135	268	20.5	32	235	16	11
8194014	250	225	143	320	22.7	35	285	16	11
8194015	280	235	155	320	25.4	35	291	16	11
8194016	315	250	170	370	28.6	35	335	16	11
8194017	355	260	176	430	32.2	40	373	16	11
8194018	400	290	195	482	36.3	46	427	16	11
8100515	450	335	210	556	40.9	60	462	16	11
8100516	500	350	230	585	45.4	60	532	16	11
8100517	560	370	240	665	50.8	60	615	16	11
8100518	630	390	260	685	57.2	60	643	16	11
8100561	710	450	300	800	64.5	70	737	16	11
8194019	50	90	62	82	3	12	60	10	17
8194020	63	106	70	94	3.8	14	75	10	17
8194021	75	130	92	105	4.5	16	89	10	17
8194022	90	140	100	125	5.4	17	105	10	17
8194023	110	158	113	158	6.6	18	125	10	17
8194024	125	170	122	158	7.4	18	132	10	17
8194025	140	173	130	188	8.3	18	153	10	17
8194026	160	208	160	212	9.5	18	175	10	17
8194027	180	200	140	212	10.7	20	186	10	17
8194028	200	199	133	268	11.9	24	232	10	17
8194029	225	201	135	268	13.4	24	235	10	17
8194030	250	225	156	320	14.8	25	285	10	17
8194031	280	236	167	320	16.6	25	291	10	17
8194032	315	250	180	370	18.7	25	335	10	17
8194033	355	261	179	430	21.1	30	373	10	17

Product Code	Size d	Z1	le1	d4	e	h1	d3	PN	SDR
8194034	400	290	195	482	23.7	33	427	10	17
8100519	450	335	225	556	26.7	46	462	10	17
8100520	500	350	240	585	29.7	46	532	10	17
8100521	560	370	250	665	33.2	50	615	10	17
8100522	630	390	270	685	37.4	50	644	10	17
8100558	710	450	300	800	42.1	50	737	10	17
8100559	800	470	320	905	47.4	54	840	10	17
8100560	900	505	350	1005	53.3	58	944	10	17

Dimensions in mm.

MATERIALS

- **Body:** PE100-RC

INSTALLATION

Spigot: Plasson Australia recommend electrofusion jointing as per POP001 – Electrofusion Jointing of PE Pipe and Fittings for Pressure Applications, or butt fusion jointing as per POP003 – Butt Fusion Jointing of PE Pipes and Fittings, as published by Plastics Industry Pipe Association of Australia (PIPA). These are free to download from https://pipa.com.au

Flange: Plasson Australia recommend flanged joints are assembled as per POP007 – Flanged Joints for PE Pipelines, as published by PIPA. Backing rings, gaskets and bolts are supplied separately.

OPERATING TEMPERATURES

Refer to the PIPA POP013 guidelines.
Link: https://pipa.com.au/technical/pop-guidelines/

CHEMICAL RESISTANCE

Simona spigot 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.

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.

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.
Electrofusion and 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.