PLASSON AUSTRALIA

STUB FLANGE SHORT SPIGOT

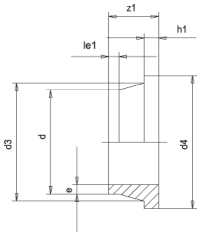
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Simona stub flange short spigot fittings provide a fully welded flanged connection from a PE100 pipeline to valves, pumps, metal pipework and other flanged equipment. Used with a backing ring, the stub flange is butt fusion welded to the pipe with no mechanical seal on the PE side. The short spigot is designed for butt fusion welding only and is injection moulded from PE100-RC resins, 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

- Fully welded flanged connection with no mechanical seal on the PE side
- 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





Product Code	d	z1	h1	d3	d4	e	le1	SDR	PN
8106009	20	52	7	27	45	2	30	11	16
8106010	25	53	9	33	58	2.3	27	11	16
8106011	32	52	10	40	68	3	28	11	16
8106012	40	51	11	50	72	3.7	25	11	16
8106013	50	57	12	61	82	4.6	27	11	16
8106014	63	60	14	75	94	5.8	25	11	16
8106015	75	56	16	89	105	6.8	21	11	16
8106016	90	80	17	105	125	8.2	27	11	16
8106017	110	80	18	125	158	10	37	11	16
8106018	125	90	25	132	158	11.4	40	11	16
8106019	140	83	25	155	188	12.7	35	11	16
8106020	160	100	25	175	212	14.6	52	11	16
8106021	180	127	30	186	212	16.4	65	11	16
8106022	200	140	32	232	268	18.2	65	11	16
8106023	225	127	32	235	268	20.5	65	11	16
8106024	250	145	35	285	320	22.7	66	11	16
8106025	280	155	35	291	320	25.4	80	11	16
8106026	315	163	35	335	370	28.6	86	11	16
8106027	355	187	40	373	430	32.2	100	11	16
8106028	400	195	46	427	482	36.3	95	11	16
8106029	450	139	60	462	556	40.9	60	11	16
8106030	500	138	60	530	585	45.4	60	11	16
8100501	560	195	60	615	665	50.8	70	11	16
8100502	630	210	60	644	685	57.2	80	11	16
8100537	710	180	70	737	800	64.5	70	11	16
8106031	50	57	12	61	82	3	27	17	10
8106032	63	60	14	75	94	3.8	25	17	10
8106033	75	56	16	89	105	4.5	21	17	10
8106034	90	80	17	105	125	5.4	43	17	10
8106035	110	80	18	125	158	6.6	37	17	10
8106036	125	87	18	132	158	7.4	45	17	10
8106037	140	82	18	155	188	8.3	39	17	10
8106038	160	100	18	175	212	9.5	52	17	10
8106039	180	127	20	186	212	10.7	75	17	10

Product Code	d	z1	h1	d3	d4	e	le1	SDR	PN
8106040	200	140	24	233	268	11.9	75	17	10
8106041	225	127	24	235	268	13.4	75	17	10
8106042	250	140	25	285	320	14.8	71	17	10
8106043	280	150	25	291	320	16.6	90	17	10
8106044	315	164	25	335	370	18.7	93	17	10
8106045	355	180	30	373	430	21.1	100	17	10
8106046	400	195	33	427	482	23.7	105	17	10
8106047	450	139	46	462	556	26.7	60	17	10
8106048	500	138	46	530	585	29.7	60	17	10
8106049	560	139	50	615	665	33.2	60	17	10
8106050	630	142	50	642	685	37.4	60	17	10
8100503	710	160	50	737	800	42.1	65	17	10
8100504	800	150	54	840	905	47.4	60	17	10
8100505	900	155	58	944	1005	53.3	50	17	10
8100506	1000	180	60	1047	1110	59.3	50	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). Flanged connections should be assembled in accordance with PIPA POP007. 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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