

SA

Spigot saddle, SDR 11

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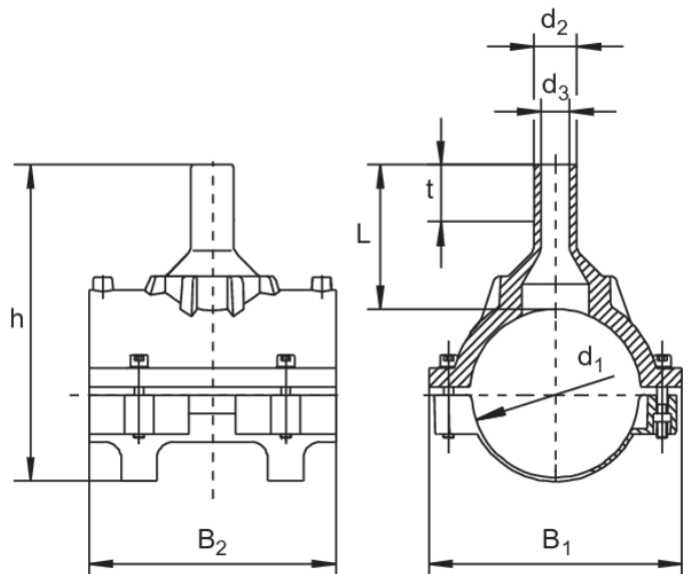
- Gas, water and H₂
- Working pressure: MOP (gas) 10 bar, PFA (water) 16 bar
- Material: PE 100-RC
- Saddle component with clamp
- Tapping under pressure possible
- Safety technology
- DVGW test mark: DV-8601AU2248 and DV-8606AU2249.

Note:

For the pressure-free tapping, there is our drilling device FWAB.

For tapping under pressure, we recommend the drilling tool from Hütz & Baumgarten (www.huetz-baumgarten.de).

If required, please contact our hotline: +49 621 486-2325.



PE 100-RC SDR 11

Maximum permissible working pressure 16 bar (water) / 10 bar (gas)



	Reference	d ₁	d ₂	B1	B2	D1	d ₃	h	L	t	Drilling Ø da	Weight [kg]	BX	Pallet quantity
1	612757	63	32	108	118	63	22	171	100	44	20	0,340	20	360
1	612759	63	50	108	118	63	37	184	113	55	36	0,370	20	360
	615020	75	50	110	125	75	38	167	82	55	36	0,430	15	270
	615285	90	32	155	150	90	21	207	103	44	20	0,710	20	160
	612819	90	63	155	150	90	50	207	103	63	46	0,740	20	160
	615334	110	32	178	180	110	24	238	125	51	20	0,820	12	96

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Reference	d ₁	d ₂	B1	B2	D1	d ₃	h	L	t	Drilling Ø da	Weight [kg]	BX	Pallet quantity
615031	110	50	178	180	110	39	245	132	60	36	0,810	12	96
612760	110	63	178	180	110	49	263	150	81	46	0,860	12	96
615411	110	90	165	190	110	70	228	115	79	65	0,970	12	96
615087	125	32	190	185	125	21	248	109	44	20	0,950	12	96
612761	125	63	190	185	125	47	248	109	63	46	0,990	12	96
615412	125	90	185	205	125	70	243	116	79	65	1,080	12	96
615584	125	110	185	205	125	86	243	116	82	84	1,150	10	80
612886	160	32	223	265	160	21	289	126	44	20	1,440	8	64
612762	160	63	223	265	160	47	303	140	63	46	1,520	6	48
615413	160	90	223	265	160	70	303	140	79	65	1,640	2	36
615739	160	110	223	265	160	86	303	140	82	84	1,770	2	36
615585	160	125	223	265	160	98	303	140	87	95	1,890	2	36
612763	180	63	240	195	180	47	291	109	63	46	1,190	6	48
615414	180	90	241	285	180	70	312	116	79	65	1,820	2	36
615948	180	110	241	285	180	86	319	136	82	84	1,960	2	36
615740	180	125	241	285	180	98	324	141	87	95	2,110	2	36
612764	200	63	250	195	200	47	311	109	63	46	1,180	5	40
612765	225	63	255	195	225	47	336	109	63	46	1,210	5	40
615415	225	90	284	279	225	70	358	130	79	65	1,960	5	40
616044	225	110	284	279	225	86	368	140	82	84	2,080	5	40
616045	225	125	284	279	225	97	374	146	87	95	2,240	4	32
616046	225	160	284	279	225	125	385	157	98	123	2,580	4	32

¹ d 63 can only be fused with pipes of the SDR level 11.

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Areas of Application

The FRIALEN-Spigot Saddles SA are used for tapping into unpressurised gas- and water pipes, as well as in pressure drainage. The connecting pipe is joined to the outlet pipe by using a FRIALEN coupler UB.

FRIALEN safety fittings are fusion-capable with PE pipes according to the specifications of the SDR pipe series on the barcode sticker/datasheet of the respective fitting. The minimum wall thicknesses specified in the standards EN1555-1, EN 12201-1 and ISO 4437 must be observed.

Assembly Instructions

The fusion of the HD-PE distribution line and the HD-PE house connection line with FRIALEN-Spigot Saddles SA is carried out by FRIALEN-fusing – tight and longitudinally force-locking.

The saddle and the outlet are prepared according to the general assembly requirements (see assembly instructions: „FRIALEN safety fittings for sustainable pipes for gas, water networks and industrial systems made of PE“) (remove/clean oxide layer from pipe/spigot).

Tapping in a pressureless state up to Ø 46 mm, from Ø 65 bis Ø 123 mm swarf-reduced using the equipment from Hütz + Baumgarten (www.huetz-baumgarten.de).

For pipes in a non-pressurized state, SA fittings can be used as T-pieces with a reduced outlet.

For information on tapping into the main line under operating pressure, please contact our application engineering department.

Swarfless tapping up to Ø 46 mm, from Ø 65 to Ø 123 mm extremely swarf-reduced by using the tapping equipment of Hütz + Baumgarten.

For pipes without pressure spigot saddles SA can be used as a T-piece with a reduced outlet.

For tapping the main line under operating pressure, please contact our Application Engineering Department.

Good reasons for using the FRIALEN-SA:

- Compact construction
- Open wire technology for direct heat transmission
- Preassembled unit without loose parts
- Nearly swarf-less tapping by using Hütz + Baumgarten equipment
- Burr - and nearly ledge - free tapping for a maximum of hydraulic power
- Leak-free drilling possible with shut-off valve
- Extra wide fusion zone
- Additional barcode for tracing back the fitting (Traceability-Coding)