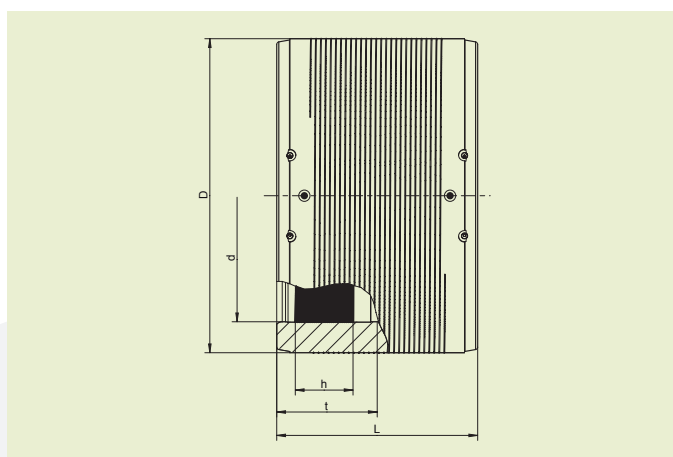
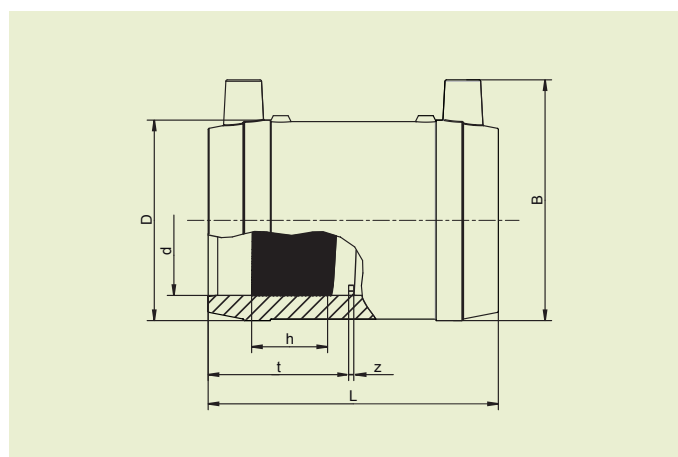


FRIALEN® SAFETY FITTINGS

UB SDR 11 SLIDE-OVER COUPLERS, SDR 11



PE 100 SDR 11

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



d	Order Ref.	Stock-status	BX	PU	D	L	t	h	B	Weight kg/each
16	616577	1	135	4.320	29	60	30	16	45	0.030
20	612660	1	110	3.520	33	60	30	17	49	0.037
25	612661	1	90	2.880	37	78	39	25	53	0.054
32	612662	1	60	1.920	45	77	39	21	61	0.064
40	612663	1	40	1.280	54	86	43	23	71	0.096
50	612664	1	25	800	68	98	49	27	82	0.151
63	612665	1	15	480	82	112	56	29	96	0.225
75	612666	1	50	400	98	122	61	32	110	0.360
90	612667	1	30	240	114	157	78	51	127	0.510
110	612668	1	24	192	137	159	79	49	152	0.705
125	612669	1	16	128	156	172	86	46	169	0.946
140	615001	1	12	96	174	184	92	52	185	1.270
160	612671	1	8	64	199	190	95	52	207	1.772
180	612672	1	6	48	220	210	105	63	228	2.088
200	612673	1	1	56	247	220	110	63	252	2.798
225	612674	1	1	36	277	236	118	71	280	3.950
250	612675	1	1	24	315	246	123	68	315	5.800
280	615073	1	1	18	347	285	142	56	347	7.740
315	612670	1	1	18	390	300	150	78	390	10.040
355	615074	1	1	9	445	300	150	68	445	14.600
400	615075 ①	1	1	4	500	320	160	90	500	20.800
450	615076 ①	1	1	4	560	340	170	79	560	30.000
500	615124 ①	1	1	3	630	360	180	80	630	40.000
560	616312 ①	1	1	2	715	380	190	95	715	55.000
630	616269 ①	1	1	2	810	420	210	101	810	79.600
710	616313 ①	1	1	1	900	442	210	108	900	101.000
800	616314 ①	1	1	1	1000	500	250	136	1000	138.800
900	616440 ①	3	1	1	1130	600	300	165	1130	210.300

Slide-over couplers d16 PE100 SDR11 are to be processed with pipes SDR11 and from d20 until d900 PE100 SDR11 are to be processed with pipes SDR11 / SDR17.6. Minimum wall thickness $s_{min} \geq 3$ mm. Other SDR-stages on request. Please observe the marking directly at the product, which is mandatory. DVGW-Registration Nos. DV-8601AU2248, DV-8606AU2249 and DV-8611AU22500.

① separate fusion zones

FRIALEN® SAFETY FITTINGS

UB SDR 11 SLIDE-OVER COUPLERS, SDR 11

Areas of Application

The FRIALEN-Coupler UB is used for cut and lay pipe connections.

Additional areas of application:

- Integration of adapters into an existing pipeline
- Connection of pipelines with fixed or restraint points
- Reinforcement / sealing of localised pipe damage
- Reinforcement of pinch points on small dimensions

Assembly Instructions

The fusion of pipe ends with the FRIALEN-Coupler UB takes place using FRIALEN-fusing – leakproof and longitudinally strong.

The pipe ends are prepared according to the general installation instructions (see “Assembly Instructions” for “FRIALEN-Safety Fittings for house connections and distribution pipes up to d 225” and “FRIALEN-Special Technology for laying large bore pipes and relining pipe networks”). This involves removing the oxide skin and cleaning the pipe ends. Please note that spigot of valves must be at least half as long as the coupler.

To compensate a larger annular gap (> 1 mm, max. 3 mm) between coupler and pipe, the pre-heating barcode can be used for couplers UB from d 400 (see instructions packed up with the coupler).

For removal of the oxide layer, FWSG scraper tools are available which facilitate a uniform swarf removal and a reproducible quality of the fusion area preparation.

Good reasons for using the FRIALEN-Slide-over Coupler UB:

- Large coupler depth for ease of pipe guiding (no holding clamps required)
- Extra wide fusion zones
- Maximum stability through great wall thickness
- Cold zones at the front side and in the middle of the coupler
- Exposed heating coil for direct heat transmission to the pipe
- Small annular gap for build-up of optimum joining pressure in the fusion zone
- Touch proof electric contacts
- Fusion indicators for visual fusion control
- From d 400: pre-heating technique for a optimal gap-bridging
- From d 400: External reinforcement for an ideal fusion pressure
- Durable batch marking
- Individually wrapped for dirt protection
- Additional barcode for tracing back the fitting (Traceability-Coding).