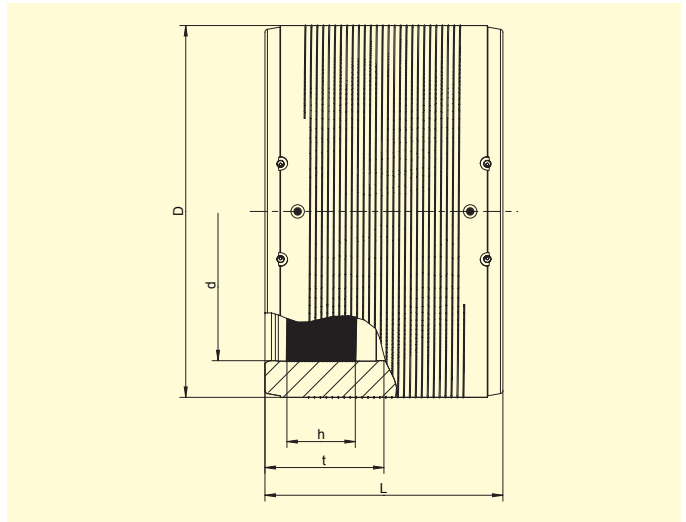
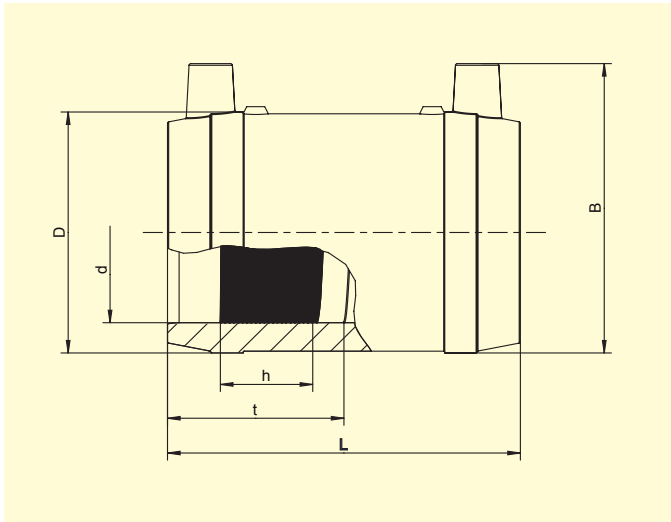


## FRIALEN® Slide-over couplers UB and UB-XL SDR 7.4 and SDR 9



### PE 100 SDR 7.4

Maximum working pressure 25 bar (water) / 10 bar Gas\*



d	Order Ref.	Stock-status	BX	PU	D	L	t	h	B	Weight kg/each
90	<b>616270</b>	2	30	240	117	138	69	41	127	0,530
110	<b>616271</b>	2	24	192	142	159	79	48	152	0,890
125	<b>616272</b>	2	16	128	160	172	86	46	169	1,200
140	<b>616273</b>	2	12	96	181	184	92	53	187	1,690
160	<b>616274</b>	2	8	64	206	203	101	62	212	2,420
180	<b>616282</b>	2	6	48	225	210	105	63	225	2,950
200	<b>616283</b>	2	2	36	250	224	112	67	250	3,870
225	<b>616284</b>	2	1	33	280	240	120	73	280	5,160
250	<b>616285</b>	2	1	24	315	246	123	68	315	6,840
280	<b>616286</b> ①	2	1	18	355	268	134	84	355	10,700
315	<b>616287</b> ①	2	1	18	400	285	142	79	400	14,580
355	<b>616288</b> ①	2	1	9	450	300	150	88	450	17,900

① separate fusion zones

From d 280 with pre-heating barcode for compensation of a larger annular gap.  
FRIALEN-Safety Fittings UB SDR 7.4 can be fused to pipes of SDR stages 7.4 to 11. Other SDR-stages on request.  
Please observe the marking directly at the product, which is mandatory.

\* according to EN 12007-2

### PE 100 SDR 9

Maximum working pressure 20 bar (water) / 10 bar Gas\*



d	Order Ref.	Stock-status	BX	PU	D	L	t	h	B	Weight kg/each
400	<b>616441</b> ①	1	1	4	500	320	160	90	500	20,800
450	<b>616447</b> ①	1	1	4	560	340	170	79	560	30,000
500	<b>616445</b> ①	1	1	4	630	360	180	85	630	40,000
560	<b>616446</b> ①	2	1	2	715	380	190	95	715	55,000
630	<b>616439</b> ①	2	1	2	810	420	210	101	810	79,600

① separate fusion zones

With pre-heating barcode for compensation of a larger annular gap.  
FRIALEN-Safety Fittings UB SDR 9 can be fused to pipes of SDR stages 9 to 11. Other SDR-stages on request.  
Please observe the marking directly at the product, which is mandatory.

\* according to EN 12007-2

Please turn over for important information regarding application of our products.

## FRIALEN® Slide-over couplers UB and UB-XL SDR 7.4 and SDR 9

### Areas of Application

The FRIALEN-Couplers UB SDR 7.4 and UB SDR 9 are used for pipe connections when laying long runs. Additional areas of application:

- Integration of adapters into an existing pipeline
- Connection of pipelines with fixed or restraint points

### Assembly Instructions

The fusion of pipe ends with the FRIALEN-Coupler UB SDR 7.4 or UB SDR 9 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 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.

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.

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 SDR 7.4, d 280 - d 355 and couplers SDR 9, d 400 - d 630 (see instructions packed up with the coupler).

Thirteen good reasons for using the FRIALEN-Slide-over Coupler SDR 7.4 or SDR 9:

- 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
- Contacts safe to touch
- Fusion indicators for visual fusion control
- From d 225: External reinforcement for an ideal fusion pressure
- From d 280: unique pre-heating technique for a optimal gap-bridging
- Durable batch marking
- Individually wrapped for dirt protection
- Additional barcode for tracing back the fitting (Traceability-Coding)

**For further information, please call our customer service staff and specialist advisers.**

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