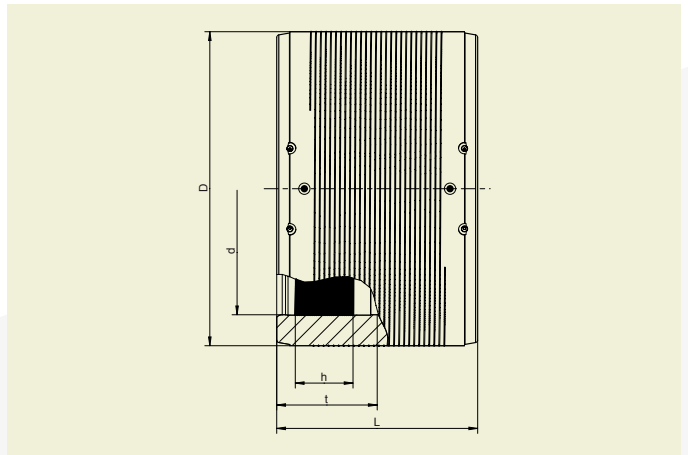


## FRIALEN® SAFETY FITTINGS

### UB SDR 17 SLIDE-OVER COUPLERS, SDR



#### PE 100 SDR 17

Maximum working pressure 10 bar (water)/5 bar (gas)



d	Order Ref.	Stock-status	BX	PU	D	L	t	h	B	Weight kg/each
315	616529	1.00	1	18	356	280	140	72	358	5.880
355	616530	1.00	1	9	400	290	145	70	402	7.600
400	616531 ①	1.00	1	9	450	300	150	78	452	10.100
450	616532 ①	1.00	1	4	506	320	160	87	508	13.650
500	616533 ①	1.00	1	2	562	350	175	85	564	18.250
560	615706 ①	1.00	1	2	630	380	190	77	632	24.190
630	615726 ①	1.00	1	2	710	420	210	101	712	34.870
710	615994 ①	1.00	1	2	800	442	221	112	802	46.000
800	616290 ①	1.00	1	1	900	500	250	137	902	65.900
900	616345 ①	1.00	1	1	1024	500	250	110	1026	91.500
1000	616403 ①	1.00	1	1	1130	610	305	129	1132	128.000
1200	616416 ①	3.00	1	1	1356	670	335	155	1358	205.000

① separate fusion zones

Slide-over couplers from d315 until d1200 PE100 SDR17 are to be processed with pipes SDR 26 - 17. Other SDR-stages on request. Please observe the marking directly at the product, which is mandatory. DVGW-Registration Nos. DV-8611AU2250 and DW-8610CN0420.

## FRIALEN® SAFETY FITTINGS

### UB SDR 17 SLIDE-OVER COUPLERS, SDR

#### 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 560 (see instructions packed up with the coupler). Preheating is already integrated in the two-phase fusion process of the couplers UB-XL from d 1000.

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.

For large couplers UB-XL from d 1000, the powerful fusion unit FRIAMAT XL is to be used. The FRIAMAT XL is an all-purpose unit and operates with an input voltage of 400V, output voltage of max. 80V.

#### 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 560: pre-heating technique for a optimal gap-bridging
- From d 315: External reinforcement for an ideal fusion pressure
- Durable batch marking
- Individually wrapped for dirt protection
- Additional barcode for tracing back the fitting (Traceability-Coding).