

# UB SDR 7,4

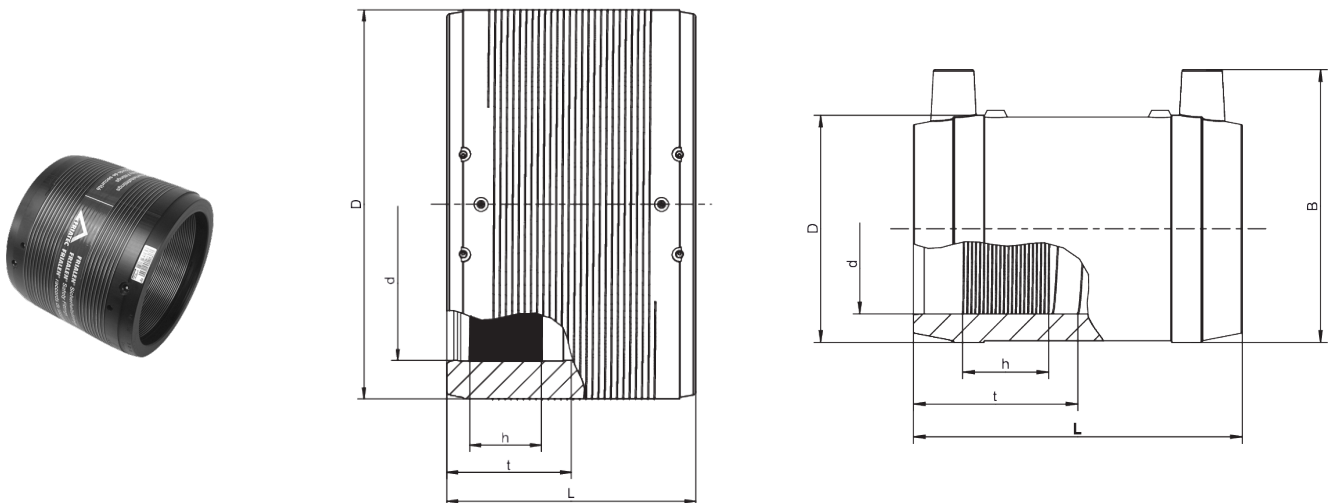
## Coupler without inner stop, SDR 7.4

Coupler UB SDR 7.4 without inner stop

- Water
- Working pressure: PFA (water) 25 bar
- Material: PE 100-RC up to d 400, PE 100 from d 400
- Safety technology
- Large insertion depth for good pipe routing (no holding devices required)
- Separate fusion zone from d 280
- DVGW test mark: DV-8606AU2249 and DV-8611AU2250
- FM Approvals Class: 1613 (d 90 – d 355)

### Note:

From dimension d 280 with preheating technology and separate fusion zone.



PE 100-RC / PE 100 SDR 7.4

Maximum permissible working pressure 25 bar (water)



Reference	Diameter	SDR range	B	D	h	L	t	Weight [kg]	BX	Pallet quantity
616270	90	7,4 – 11	127	117	38	138	69	0,540	30	240
616271	110	7,4 – 11	152	142	50	159	79	0,870	24	192
616272	125	7,4 – 11	169	160	45	172	86	1,240	16	128
616273	140	7,4 – 11	187	181	51	184	92	1,640	12	96
616274	160	7,4 – 11	212	206	59	203	101	2,340	8	64
616282	180	7,4 – 11	225	225	63	210	105	2,700	6	48
616283	200	7,4 – 11	250	250	67	224	112	3,610	2	36
616284	225	7,4 – 11	280	280	73	240	120	4,900	1	33
616285	250	7,4 – 11	315	315	68	246	123	6,700	1	24
616286	280	7,4 – 11	355	355	84	268	134	9,300	1	18

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Reference	Diameter	SDR range	B	D	h	L	t	Weight [kg]	BX	Pallet quantity
616287	315	7,4 – 11	400	400	80	285	142	14,400	1	18
616288	355	7,4 – 11	450	450	88	300	150	16,700	1	9

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### 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

FRIALEN safety fittings UB SDR 7.4 can be fused with SDR level 7.4 – 11 pipes. Other levels of SDR can be processed on request.

Please note the mandatory labels directly on the product.

DVGW test marks issued: DV-8606AU2249 and DV-8611AU2250.

### 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).

### 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 180: 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

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- Additional barcode for tracing back the fitting (Traceability-Coding)