

# UB SDR 7,4

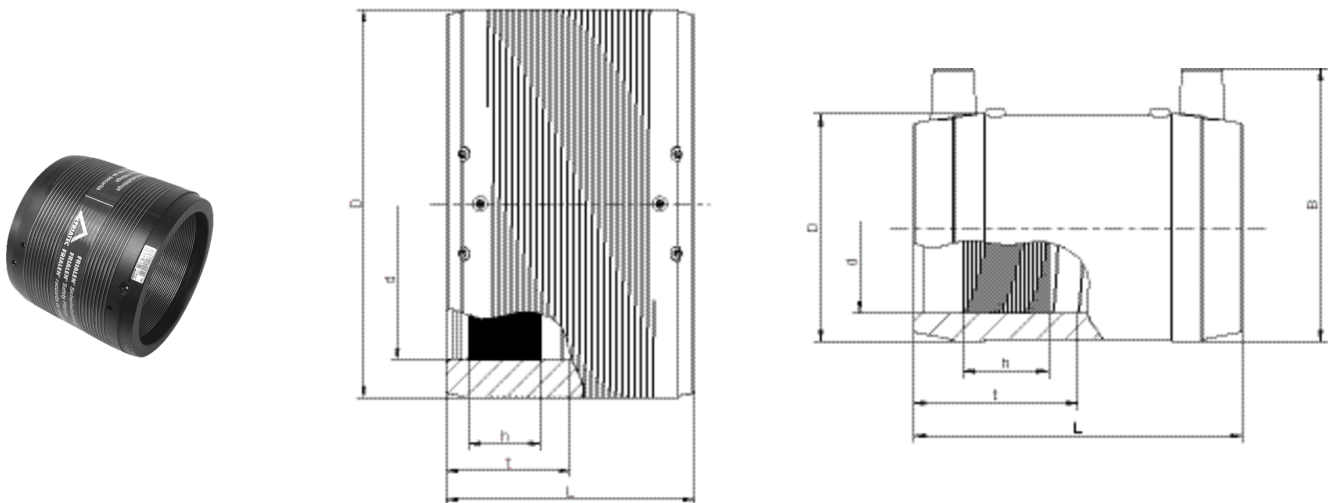
## Coupler without inner stop, SDR 7.4

Coupler UB SDR 7.4 without inner stop

- Water
- Maximum pressure: 25 bar
- Material: PE 100
- 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 nominal size 280 with preheating technology and separate fusion zone.



PE 100 SDR 7.4

Maximum permissible working pressure 25 bar (water)



Reference	d	BX	PU	D	L	t	h	B	Weight kg
616270	90	30	240	117	138	69	38	127	0,530
616271	110	24	192	142	159	79	50	152	0,870
616272	125	16	128	160	172	86	45	169	1,230
616273	140	12	96	181	184	92	51	187	1,640
616274	160	8	64	206	203	101	59	212	2,360
616282	180	6	48	225	210	105	63	225	2,700
616283	200	2	36	250	224	112	67	250	3,610
616284	225	1	33	280	240	120	73	280	4,900
616285	250	1	24	315	246	123	68	315	6,700
616286	280	1	18	355	268	134	84	355	9,300

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Reference	d	BX	PU	D	L	t	h	B	Weight kg
616287	315	1	18	400	285	142	80	400	12,100
616288	355	1	9	450	300	150	88	450	16,700

From d 280 with preheating bar code to compensate for a larger annular gap.

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.

DIN EN 12007-2

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

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## Coupler without inner stop, SDR 7.4

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