

UB SDR 17

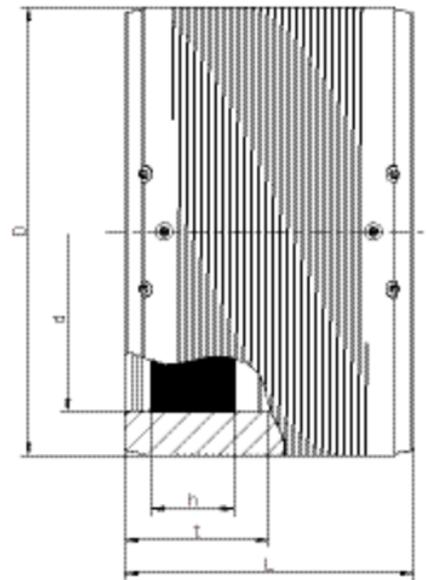
Ηλεκτροσύνδεσμοι, SDR 17

With exposed heating coils for optimal heat transfer, large insertion depth, wide fusion zones plus cold zones at the end and in the middle to prevent the flow of molten material, for use without holding devices.

UB d 1000 and above can only be fused with the FRIAMAT XL.

From d 560 with pre-heating technology.

Special sizes, pressure classes and designs on request.



PE 100 SDR 17

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



Κωδικός προϊόντος	d	BX	PU	D	L	t	h	B	Weight kg
616529	315	1	18	356	280	140	72	358	5,880
616530	355	1	18	400	290	145	70	402	7,600
616531	400	1	9	450	300	150	78	452	10,100
616532	450	1	4	506	320	160	87	508	13,650
616533	500	1	4	562	350	175	85	564	18,250
615706	560	1	2	630	380	190	77	632	24,190
615726	630	1	2	710	420	210	101	712	34,870
615994	710	1	2	800	442	221	112	802	46,000
616290	800	1	1	900	500	250	137	902	65,900
616345	900	1	1	1024	500	250	110	1026	91,500
616403	1000	1	1	1130	610	305	129	1132	128,000
616416	1200	1	1	1356	670	335	155	1358	205,000

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Slide-over couplers from d 560 until d 1200 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.

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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

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Durable batch marking

Individually wrapped for dirt protection

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