

# UB NXT SDR 11

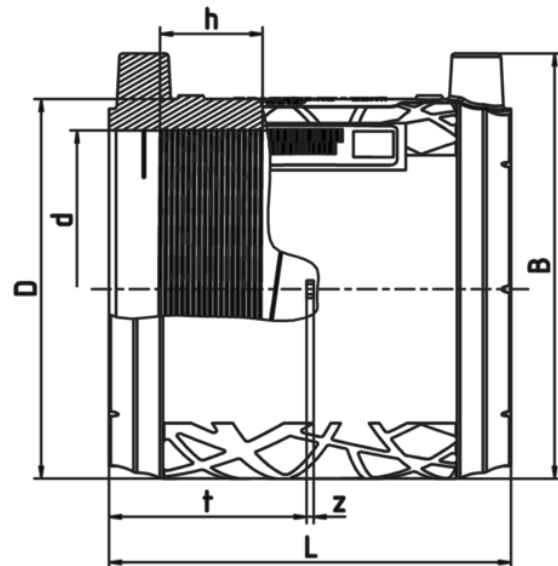
## Coupler with removable inner stop, SDR 11

Coupler UB NXT SDR 11 with inner stop

- Gas, water and H<sub>2</sub>
- Working pressure: MOP (gas) 10 bar, PFA (water) 16 bar
- Material: PE 100-RC
- Easily removable inner stop
- Safety technology
- Large insertion depth for good pipe routing (no holding devices required)
- DVGW test mark: DV-8601AU2248, DV-8606AU2249, DV-8611AU2250 and DW-8610CN04200

### Note:

The availability of the articles must be requested individually for specific markets or countries, as these countries will be switched one by one in 2025/2026.



PE 100 SDR 11

Maximum permissible working pressure 16 bar (water) / 10 bar (gas)



Reference	Diameter	SDR range	B	D	h	L	t	z	Weight [kg]
617235	20	11	46,5	28	16,5	76	37	2	0,030
617236	25	11	51,5	33	18,2	81	39,5	2	0,037
617237	32	11	58,6	40	18,2	82	40	2	0,044
617238	40	11	67,4	49,5	18,5	83	40,5	2	0,060
617239	50	11 - 17	78,2	61,5	21,4	88	43	2	0,088
617240	63	11 - 17	92,4	77	23,5	95	46,5	2	0,137
617241	75	11 - 17	105,4	91	25,6	105	51,5	2	0,203
617242	90	11 - 17	122,2	109	29,5	115,5	56,8	2	0,327

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Reference	Diameter	SDR range	B	D	h	L	t	z	Weight [kg]
617243	110	11 - 17	144	132,5	33,9	120	59	2	0,480
617244	125	11 - 17	160,4	150	35,6	145	71,5	2	0,724
617245	140	11 - 17	177	168	38,5	160	79	2	0,993
617246	160	11 - 17	198,8	192	42,6	176	87	2	1,416

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### Areas of Application

The FRIALEN-Coupler UB NXT SDR11 is used for cut and lay pipe connections.

Additional areas of application:

- Pipe connectors (gas, water and 100% H<sub>2</sub>)
- Replacement of pipe sections
- Subsequent connection to a pipe system
- Sealing option for minor pipe damage

### Assembly Instructions

The pipe ends are joined to the FRIALEN coupler UB NXT SDR11 by electrofusion welding – tight and longitudinally force-fit.

The pipe ends are prepared according to the general installation instructions (see "Assembly Instructions" for "FRIALEN-Safety Fittings")

This involves removing the oxide layer of the pipe end and cleaning of pipe surface. Please note that spigot of valves must be at least half as long as the coupler. The center strip is embossed to make it easy to mark the peeling area.

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.

### Good reasons for using the FRIALEN-Slide-over Coupler UB NXT SDR11:

- Large coupler depth for ease of pipe guiding (no holding clamps required)
- Maximized fusion zones
- Safety Fitting Design
- 25% lower CO<sub>2</sub>-Footprint
- Cold zones at the front side and in the middle of the coupler
- Exposed heating coil for direct heat transmission in the fusion zone
- Lowest energy consumption and variable voltage
- Optimised tolerances for "perfect fit" for easy installation
- Touch proof electric contacts
- Fusion indicators for visual fusion control
- Angle and insertion depth markings for quick and safe installation
- Durable batch marking
- Individually wrapped for dirt protection
- 2D barcode for tracing back the fitting (Traceability-Coding).