

MR NXT SDR 11

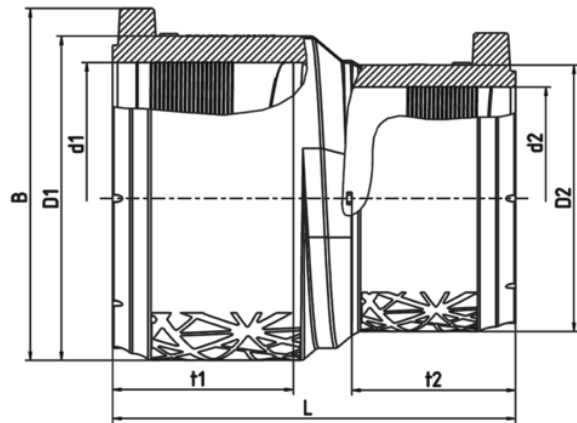
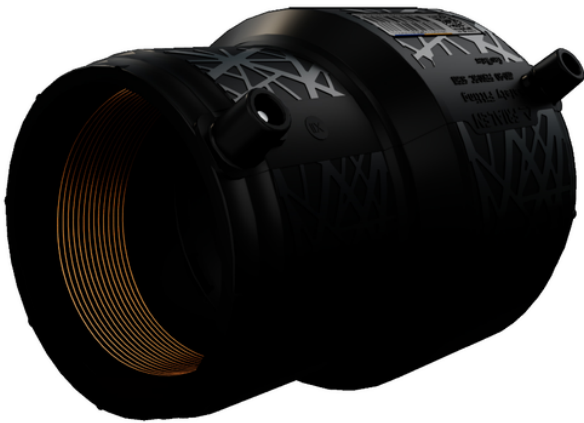
Reducer, SDR 11

Reducer MR NXT SDR 11

- Gas, water and H₂
- Working pressure: MOP (gas) 10 bar, PFA (water) 16 bar
- Material: PE 100-RC
- 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	d ₁	d ₂	SDR range	B	D1	D2	L	t ₁	t ₂	Weight [kg]
617247	32	20	11	59	32	29	124	43	40	0,056
617248	32	25	11	59	32	33	129	43	40	0,061
617249	40	32	11	67,5	40	40,5	128	48	43	0,079
617250	50	32	11	78,5	50	40,5	129	53	43	0,102
617251	50	40	11	78,5	50	49,5	127	53	48	0,110
617252	63	32	11	92,5	63	40,5	134,5	52,5	43	0,144
617253	63	40	11	92,5	63	49,5	135,5	52,5	48	0,152
617254	63	50	11 - 17	92,5	63	61,5	135,5	52,5	54	0,165
617255	90	63	11 - 17	122,5	90	77	153,5	71	58,5	0,369

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Reference	d ₁	d ₂	SDR range	B	D1	D2	L	t ₁	t ₂	Weight [kg]
617256	90	75	11 - 17	122,5	90	91	159	71	64	0,404
617257	110	63	11 - 17	144	110	77	161,5	74	59	0,525
617258	110	90	11 - 17	144	110	109	165	74	67	0,582
617259	125	90	11 - 17	160,5	125	132,5	175	80	70	0,743
617260	125	110	11 - 17	160,5	125	109	171	80	67	0,810
617261	160	110	11 - 17	199	160	132,5	194	95	70	1,360

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Areas of Application

The FRIALEN Electrofusion Reducer MR NXT SDR11 is applied for immediate pipe reduction within the pipe system.

Assembly Instructions

The pipe ends are joined to the FRIALEN Electrofusion Reducers MR 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.

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-Reducer MR NXT SDR11:

- Large coupler depth for ease of pipe guiding (no holding clamps required)
- Maximized fusion zones
- Safety Fitting Design
- 25% lower CO₂-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).