

AM

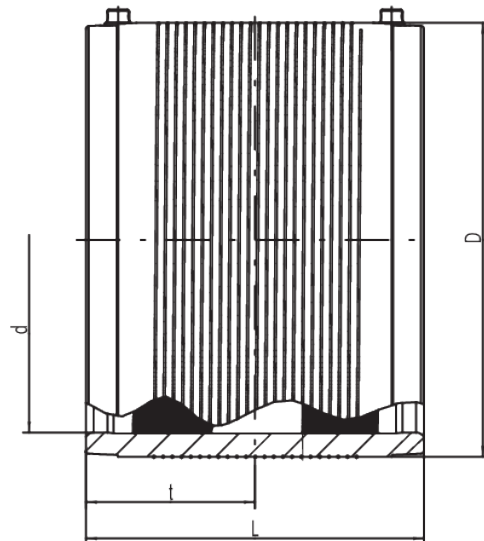
Coupler without inner stop, SDR 17

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- For connecting water and sewage pipes made of HD-PE
- Material: PE 100-RC up to d 225, PE 100 from d 250
- Safety technology
- For processing without holding devices
- With pin indicator for visual inspection of the fusion
- DVGW test mark: DV-8606BO6114 (d 110 – d 225)

Note:

For use with close-fit liners, please contact our hotline +49 621 486-2325.



PE 100-RC / PE 100 SDR 17

Maximum permissible working pressure 10 bar (water / sewage)



	Reference	Diameter	SDR range	D	L	t	Weight [kg]	BX	Pallet quantity
	680001	110	17 - 33	130	160	80	0,540	24	192
	680013	125	17 - 33	146	160	80	0,630	22	176
	680002	160	17 - 33	184	180	90	1,100	12	96
	680003	180	17 - 33	207	180	90	1,320	8	64
	680004	200	17 - 33	236	180	90	2,070	1	75
	680005	225	17 - 33	263	200	100	2,760	1	52
	680006	250	17 - 33	282	220	110	2,200	1	44
	680007	280	17 - 33	316	220	110	3,700	1	32
	680008	315	17 - 33	355	220	110	4,750	1	24
	680009	355	17 - 33	400	220	110	5,900	1	24

AM

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	Reference	Diameter	SDR range	D	L	t	Weight [kg]	BX	Pallet quantity
	680010	400	17 – 33	450	220	110	7,400	1	12
	680011	450	17 – 33	506	270	135	11,310	1	6
1	680012	500	17 – 33	562	270	135	14,750	1	4

¹ separate fusion zones

AM

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Sewage pipe systems are high-value assets of a value which has to be maintained for a long time. Increasing demands on the public sewage system require materials which meet these criteria. HDPE sewage pipes have been fused for many years with the FRIAFIT HDPE sewage system tightly, frictionlocked and root-proof.

Areas of Application

The FRIAFIT-Coupler AM joins HDPE pipes leakproof and longitudinally strong.

Additional applications:

- Integration of adapters into existing pipe system
- Jointing to pipelines with a fixed or forced point
- Reinforcement/sealing of local pipe damage.

Assembly Instructions

Fusion of pipe ends with FRIAFIT-Coupler AM takes place using FRIAFIT fusion – leakproof and longitudinally strong.

The HDPE pipe ends are prepared according to the general installation requirements (see also “Fitting Instructions” for the FRIAFIT-Sewage System). This involves removing the oxide layer and cleaning the pipe ends.

To compensate a larger annular gap (> 1 mm, max. 3 mm) between coupler and pipe, the pre-heating barcode can be used from d 560 (see instructions packed up with the coupler).

FWSG scraper tools are available for the removal of the oxide layer, which enable uniform swarf removal and reproducible quality of the fusion area preparation.

Good reasons for using the FRIAFIT-Coupler AM:

- Ensures leakproof, longitudinally strong and root-bound connections
- Exposed, tightly embedded heating coil for direct heat transmission to the pipe
- Large coupler depth for ease of pipe guiding (no holding clamps required)
- Extra wide fusion zones, extra long insertion depths
- Short fusion times, short cooling times
- Cold zones at the front side and in the middle of the coupler
- Slide-over coupler without center stop
- Fusion indicator for visual fusion control
- From d 250: No coupler extension during fusion due to the outer armouring wire
- From d 560: Pre-heating technology for an optimal compensation of the annular gap
- Barcode for fully automatic fusion with HDPE pipes from SDR 33 to SDR 17 having regard to the ambient temperature (temperature compensation)