

## Plug-in coupler for shaft lining adapter

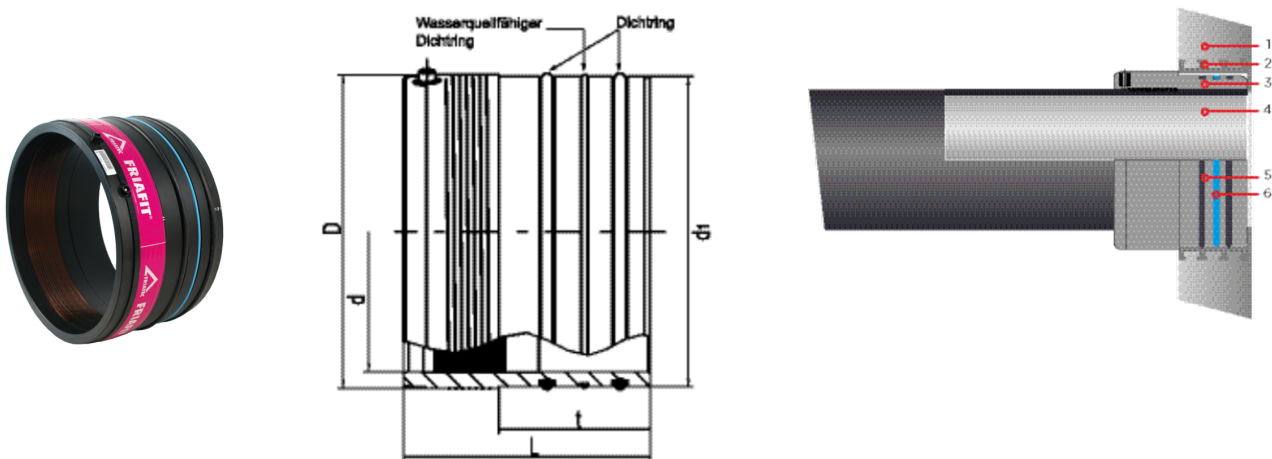
for joining HDPE pipes to concrete inspection chambers in conjunction with FRIAFIT-Inspection Chamber Adapters (ASF/ASFL), for HDPE pipes SDR 33 – SDR 11

Plug-in coupler for shaft lining adapter AEM

- For the articulated connection of HD-PE pipes into ducts in accordance with DIN 4034 or DWA-A 157 together with the FRIAFIT adapter ASF/ASFL
- With two elastomeric sealing rings as hinge for optimum compression
- With water-swellable sealing ring Q for additional safety
- Connection side to HD-PE pipe with open-wire technology for optimal heat transfer for use without holding devices
- Safety technology
- Level transition to chamber sole

### Note:

Also available with NBR seals (handling of substances hazardous to water according to AwSV, application WHG e.g. grease and coalescence separators): Stock status 3.



PE 100

Maximum permissible test pressure 0.5 bar to DIN EN 1610

Reference	d	d <sub>1</sub>	BX	PU	D	L	t	Weight kg
680201	110	131	8	144	133	165	135	0,700
680202	160	187	8	64	193	225	135	1,900
680203	180	215	1	54	225	220	135	3,100
680204	200	247	1	56	250	220	135	3,500
680205	225	277	1	32	280	220	135	4,600
680206	250	277	1	32	280	220	135	2,500
680207	280	313	1	32	315	220	135	3,600
680208	315	354	1	24	355	220	135	4,350
680209	355	399	1	20	400	220	135	5,800

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	Reference	d	d <sub>1</sub>	BX	PU	D	L	t	Weight kg
	680210	400	449	1	12	450	220	135	8,300
	680211	450	499	1	8	500	220	135	8,900
	680214	500	559	1	8	562	220	135	11,050
1	680212	560	624	2	4	630	220	135	13,400
1	680213	630	709	1	3	710	270	135	22,400

<sup>1</sup> with pre-heating technology for optimum gap bridging

Sealing rings made of material SBR

Alternatively: NBR seal (stocked status 3) available on request

# AEM

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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-Sewage Insert Sleeve AEM is applied for the connection of HDPE pipes into concrete inspection chambers according to DIN 4034 in connection with FRIAFIT-Sewage Inspection Chamber Adapter ASF/ASFL.

### Notes on processing

The AEM is pushed into the ASF Sewage Inspection Chamber Adapter ASF until it connects with the gutter, resp. to the stop (ASFL).

Fusion of pipe ends with FRIAFIT AEM Sewage Insert Sleeve takes place using FRIAFIT fusion – leakproof and longitudinally strong.

The HDPE pipe is 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. It is then slid into the AEM; length of insertion = L or transition to the gutter (ASFL).

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).

### Good reasons for using the FRIAFIT-Sewage Insert Sleeve AEM

- Joining part at the inspection chamber in conjunction with FRIAFIT-Inspection Chamber Adapter (ASF/ASFL)
- An elastomeric sealing in duplicate allows optimum anchoring to the FRIAFIT-Inspection Chamber Adapter (ASF/ASFL) according to DIN V 4034-1 and ATV-DVWK-A 157
- Inspection chamber free from axial pipe stress due to push-fit connection
- Sealing rings comply with DIN EN 681, resp. DIN 4060
- Incl. the water swelling sealing ring Q which offers additional security
- Exposed heating coil on inside of sleeve for a secure fusion of the HDPE-pipe
- Barcode for fully automatic fusion with HDPE pipes from SDR 33 to SDR 11 having regard to the ambient temperature (temperature compensation)