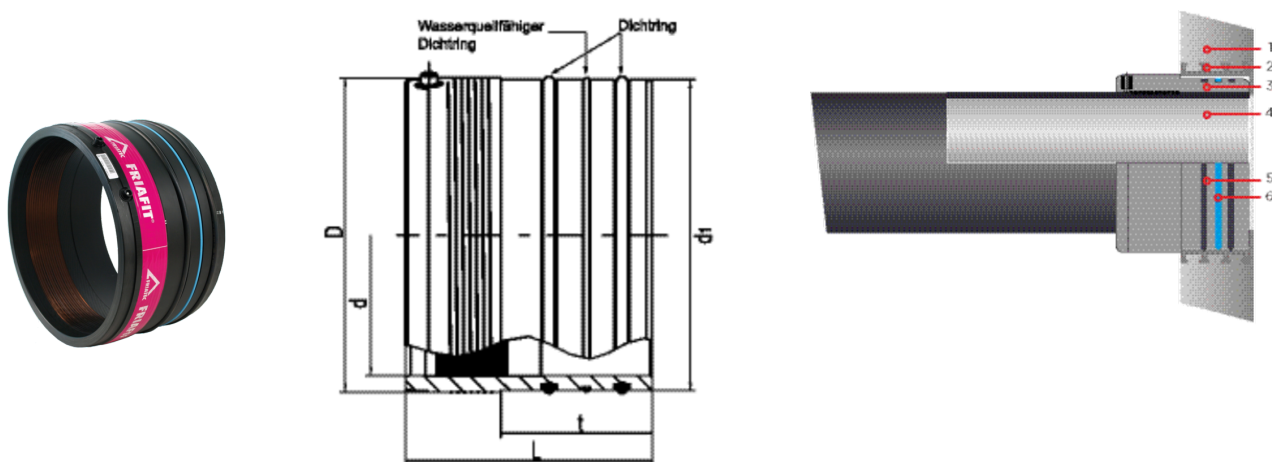


AEM

Ηλεκτροσύνδεσμος

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

For flexible integration of HD-PE pipes in concrete inspection manholes per DIN 4034 bzw. DWA-A 157 in conjunction with the FRIAFIT adapter ASF/ASFL. Connection side to ASF/ASFL has 2 elastomer sealing rings as sealant joint and for optimal press fit. For extra safety, the water absorbent Q sealing ring is included. The jointing side to the HD-PE pipe has exposed heating coils for optimal heat transfer, large insertion depth, extra wide fusion zones plus cold zones at the end to prevent the flow of molten material, for use without holding devices.



PE 100

Maximum testing pressure 0.5 bar in accordance to DIN EN 1610

	Κωδικός προϊόντος	d	product.detail.attribute.d1Small	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
	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

¹ with pre-heating barcode for compensation of a larger annular gap

AEM

Ηλεκτροσύνδεσμος

Sealing rings made of SBR

Alternative: NBR-sealing (stock status 3)



Ηλεκτροσύνδεσμος

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)