

ASA VL KG 160

Vacuum-loading transition saddle

Transition saddle, Vacuum-Loading ASA VL KG 160, SDR 17

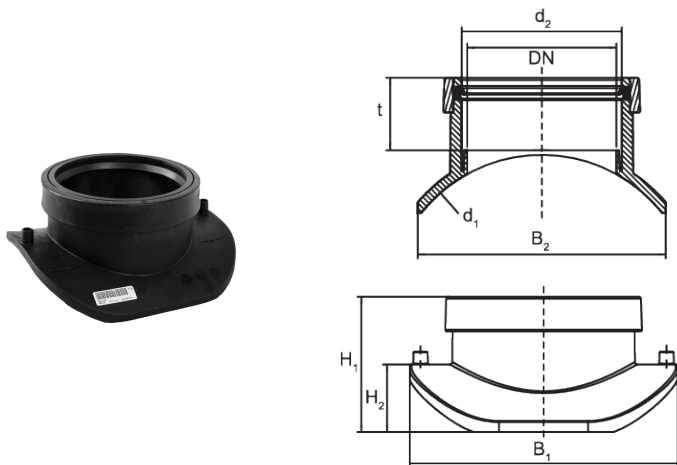
- Compact component made from HD-PE with integral socket in the outlet (d 160)
- For connecting connecting pipes made of PVC/PP DN 150 to existing PE main channel
- Safety technology

Note:

Can only be fused with the clamping system FRIALOAD.

Components: PUMP (Order No. 613810), PLATE (Order No. 617372) and FWAB ASA VL 160/450 (Order No.613846) or FWAB ASA VL 160/710 (Order No. 613816).

For installation on close-fit liners and pipes d 560/d 630, please contact our hotline +49 621 486-2325.



PE 100

Maximum permissible test pressure 0.5 bar according to DIN EN 1610

	Reference	DN	d ₁	d ₂	B ₁	B ₂	H ₁	H ₂	t	Weight [kg]	BX	Pallet quantity
	682646	150	225	160	270	210	163	92	76	1,060	10	80
	682625	150	250 / 280	160	270	240	143	72	76	1,040	10	80
	682652	150	315	160	270	240	143	72	76	1,060	10	80
	682627	150	355	160	270	255	129	58	76	1,060	10	80
	682657	150	450	160	270	255	129	58	76	0,990	10	80
	682629	150	500/560/630	160	270	255	117	46	76	0,940	10	80
	682666	150	560	160	270	273	113	42	76	1,120	10	80
¹	682668	150	630	160	270	273	110	39	76	1,120	10	80
¹	682665	150	710	160	270	275	107	36	76	1,120	10	80

¹ lieferbar ab Q1/2026

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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

House service connections to HDPE sewers: Direct transition option of house service pipings made of PVC/PP by using the integrated plug-in sleeve DN 150. The plug-in sleeve has a SBR lip seal and a large insertion depth for a secure guiding of the pipe.

The FRIAFIT transition saddle ASA VL 160 KG facilitates the production of sewage house service connections without having to disconnect the existing HDPE sewer.

Assembly Instructions with vacuum clamping

The clamping force of the saddle required for fusion and build-up of the joining pressure is applied by a vacuum. This only requires the clamping device FRIALOAD. Typical out-of-roundnesses and shape deviations of the pipe can be bridged by the clamping method.

Good reasons for the FRIAFIT transition saddle ASA VL 160 KG

Saddle element

- Economic production of house service connections, in particular in case of a high building coverage
- Possible applications for new installation, refurbishment, and later connection of drain pipes
- Little space required thanks to compact component part, PVC / PP connecting pipes can be directly inserted into the sleeve element
- Direct connection of the connecting pipes without interfering displacement or drain obstructions
- Economic processing with the clamping device FRIALOAD
- Barcode for fully automatic fusion with HDPE pipes from SDR 33 to SDR 11, taking into consideration the ambient temperature (temperature compensation)
- Exposed, fixed heating coil for direct heat transfer to the pipe

Plug-in sleeve element

- Safe guiding of the PVC / PP pipe thanks to a large insertion depth
- SBR lip seal according to EN 681-1
- Standardised material transition