

SHVA

Stainless steel support liner for PE 80, PE 100 and PEX pipes

Stainless steel inner support liner with wedge for use with FRIAGRIP, Ultra-Range and Wide-Range on PE-HD/PEX pipes, for thin-walled PVC pipes SDR 21 on request.

SHVA wall thickness $\leq d$ 180: 1 mm, $\geq d$ 200: 2 mm.

The support liner d 40 and d 50 are flanged bushes without cotter.

The support liner from d 450 consist of 2 half shells and 2 clamping wedges (L1 = wedge length).



Reference	Diameter	SDR	L	Weight [kg]	BX	Pallet quantity
670501	40	11	110	0,200	20	500
670502	50	11	110	0,200	20	500
670503	63	17	130	0,150	40	500
670504	63	11	130	0,150	40	500
670505	75	17	130	0,200	6	500
670506	75	11	130	0,200	6	500
670507	90	17	130	0,300	40	500
670508	90	11	130	0,240	40	500
670509	110	17	150	0,350	25	500
670510	110	11	150	0,300	25	500
670511	125	17	150	0,350	22	500
670512	125	11	150	0,400	22	500
670513	140	17	150	0,450	9	500
670514	140	11	150	0,400	9	500
670515	160	17	175	0,550	12	500
670516	160	11	175	0,500	12	500
670517	180	17	175	0,600	12	500
670518	180	11	175	0,700	18	500
670519	200	17	180	1,100	16	-

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Reference	Diameter	SDR	L	Weight [kg]	BX	Pallet quantity
670520	200	11	180	1,100	16	-
670521	225	17	180	1,860	12	-
670522	225	11	180	1,860	16	-
670523	250	17	180	2,050	2	-
670524	250	11	180	2,050	2	-
670527	280	17	200	2,800	16	500
670528	280	11	200	2,500	16	500
670525	315	17	200	2,760	2	-
670526	315	11	200	2,760	2	-
670533	355	17	200	3,230	2	-
670534	355	11	200	3,230	2	-
670529	400	17	200	3,840	2	-
670530	400	11	200	3,840	2	-
670531	450	17	250	3,400	2	-
670532	450	11	250	3,400	2	-
670535	500	17	250	3,780	1	-
670536	500	11	250	3,780	1	-
670537	560	17	250	2,140	1	-
670538	560	11	250	2,140	1	-
670539	630	17	250	2,410	1	-
670540	630	11	250	2,410	1	-
670541	710	17	250	2,710	1	-
670542	710	11	250	2,710	1	-

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SHVA wall thickness $\leq d 180$: 1 mm, $\geq d 200$: 2 mm.

The support liner d 40 and d 50 are flanged bushes without wedge.

The support liner from d 450 consist of 2 half shells and 2 clamping wedges (L1 = wedge length).

Areas of application

SHVA are available from d 40 to d 710; from d 63 in SDR 11 or SDR 17. They are used to prevent the PE pipe from cold flowing under the pressure of the fitting seal. With thin-walled PVC pipes SDR 21, SHVA counteract the mechanical constriction of the pipe.

In order to compensate for pipe tolerances and ovality, the tension of the support liner is applied by one wedge from d 63 and two wedges from d 450.

SHVA are made of V2A steel.

Processing instructions

SHVA are mandatory when using FRIAGRIP, Ultra-Range and Wide-Range fittings on PE-HD/PEX pipes in order to prevent the PE pipe from cold flowing.

SHVA are also mandatory when working with thin-walled PVC pipes SDR 21

Installation is carried out in accordance with the current FRIAGRIP installation instructions.

Special SHVA dimensions, for example for thin-walled PVC pipes SDR 21 or other SDR levels, can be manufactured on request.

Good reasons for the SHVA support liner

Only by using SHVA can a permanently tight connection be created with PE-HD/PEX pipes.

SHVA and FRIAGRIP / Ultra-Range / Wide-Range are a coordinated system approved by the manufacturer.

Support liner from other manufacturers may fail, which can lead to leaks or loss of function.

The overall length, wall thickness, wedge length and angle are optimized for the respective pipe diameters and designed for the FRIAGRIP / Ultra-Range / Wide-Range fitting ranges.