



## EcoFlex PLV

pressureless expansion coupling vessels

The Sotex EcoFlex expansion systems are particularly investment-friendly, can be used anywhere and especially ideal for export projects. This system is pressureless and therefore not subject to special approvals such as ASME and PED.

The EcoFlex series is an expansion system in which the PLE Pro automat is equipped with a pump and control box and both the expansion automat and the coupling vessel are equipped with an EPDM membrane. The membrane ensures the water/air separation, is mounted horizontally on the top of the vessel and "floats" continuously on the water level. Due to the pressureless operation, the service life is extremely long.

The Sotex EcoFlex PLV coupling vessels make it easy to increase the expansion volume without directly applying an additional control unit. However, the pump capacity of the machine may need to be adjusted.

If an EcoFlex PLV coupling vessel is used, it must be connected to the water-side connection of the SOTEX EcoFlex PLE Pro pump automat. For this, a second ball valve is located under the expansion vessel. There are two connection points under each EcoFlex PLV follower vessel, so it is possible to connect to an additional coupling vessel.

It is important that the coupling vessels has the same height as the SOTEX EcoFlex PLE Pro pump automat.

For more advice about the possibilities, please contact our sales department.



### ECOFLEX PLV

	1500	3300	4800	6300	8900	10300	12100	14000	18200
epdm membrane (max. 90°C.)					✓				
flexible ss connection hose (system)					✓				
approval				not applicable - unpressurized vessel					
content [l]	1516	3307	4771	6282	8914	10320	12110	13997	18243
diameter [mm]	960	1270	1400	1600	1900	1900	2200	2200	2500
total height [mm]	2627	3165	3670	3708	3760	4260	3795	4295	4350
weight [kg]	305	405	590	735	1010	1130	1395	1474	1988
system connection			1"				1¼"		
max. temperature [°C.]					90				