

FLUXX® Vented Caps

Series KSE



Scope of application

Our unique FLUXX® Vented Caps are equipped with the SAVE System and are available for common thread sizes with DIN 45, 51 and 61. For the venting system we are using high-quality membranes, which enable a continuous pressure compensation with gaseous liquids, to prevent containers from swelling and collapsing. The membranes are hydrophobic as well as oleophobic, and as a result, they are not moistened even by liquids with a low surface tension.

SAVE Venting System

The SAVE (SAfety VEnt) has a wedge-like design and the membrane is welded on at a 60° angle. This enables the liquids to drain off immediately, leaving the membrane unob-



structed and air permeable. In addition, no splash protection is needed as the liquid flows past the beveled membrane, should a canister fall over, rather than hitting it head-on.

Suitability for hazardous goods

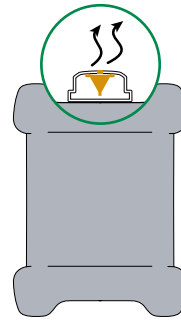
Because of the construction and performance values, our FLUXX® Vented Caps fulfil all requirements for authorization with various containers in accordance with the test specifications set forth in the ADR and BAM regulations. As a standard feature, the caps are equipped with a molded on tamper-evidence ring as well as an EPE sealing ring.

Declaration of conformity

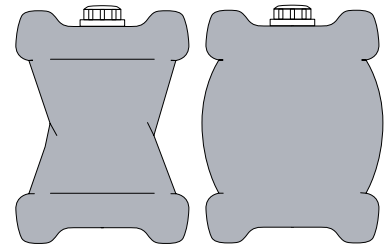
All raw materials and additives used during the production process are fit for human consumption under the food law as well as from a physiological point of view and comply with regulations EU no. 10/2011 and EC no. 1935/2004 as well as the Foodstuffs and Animal Feed Code.

Mode of operation

With **FLUXX®**
Venting System



Without
venting System

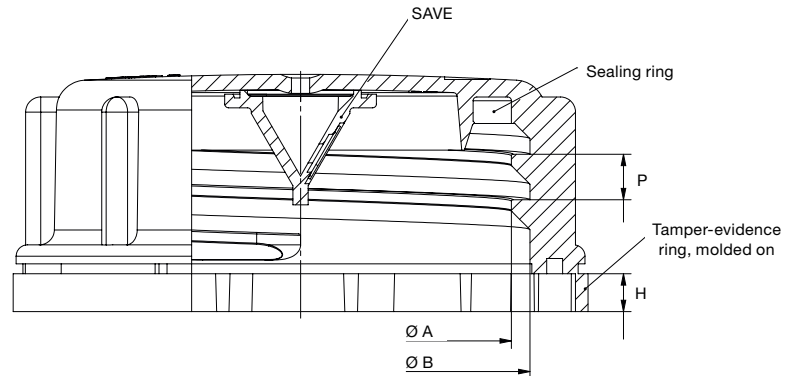


Benefits

- Continuous pressure compensation
- Prevent containers from swelling and collapsing
- Reliable protection against leaks
- Drip-off edge for a rapid re-ventilation after contact with liquids
- Ready to use – Venting component combined with the cap
- Fit for human consumption under the food law

Application examples

- Liquid food
- Agrochemicals
- Cleaners
- Hygiene and care products
- Industrial chemicals



Product program

Description	Picture	Item number	Quantity	Dimensions
KSE 45 SAVE OV with molded on tamper-evidence ring for DIN 45 thread		332 46x	18,000 pieces (20 cartons)	Ø A = 41.1 mm / Ø B = 44.7 mm P = 4 mm (Thread pitch) H = 5 mm
KSE 51 SAVE OV with molded on tamper-evidence ring for DIN 51 thread		357 10x	10,000 pieces (20 cartons)	Ø A = 50.2 mm / Ø B = 54.8 mm P = 5 mm (Thread pitch) H = 5 mm
KSE 61 SAVE OV with molded on tamper-evidence ring for DIN 61 thread		367 10x	7,000 pieces (20 cartons)	Ø A = 55.6 mm / Ø B = 60.5 mm P = 6 mm (Thread pitch) H = 5 mm

Customizations upon request.

Materials	
Cap:	Polyethylene (PE)
SAVE:	Polyethylene (PE)
Membrane: Backing:	Polytetrafluorethylene (PTFE) Polyethyleneterephthalate (PET)
Sealing ring:	Expanded Polyethylene (EPE)

Colors					
Black	White	Blue	Red	Green	Yellow

Other colors upon request.

Performance values	
Water entry pressure (WEP):	≥ 0.69 bar
Airflow:	≥ 3.6 L / h at 12 mbar



Chemical resistance

We can not guarantee comprehensive chemical resistance of specific applications.
We recommend individual testing of customer applications prior to use.