

The piston system for aluminum monobloc aerosol cans

Zima-Kolben piston, the new patented piston system

After several years of development and testing the from scratch developed Zima-Kolben piston system is available for its wide and varied scope of application.

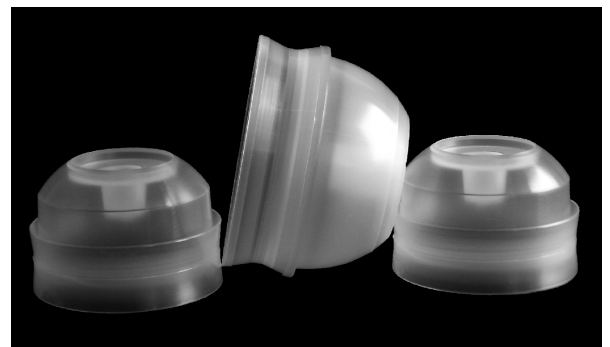
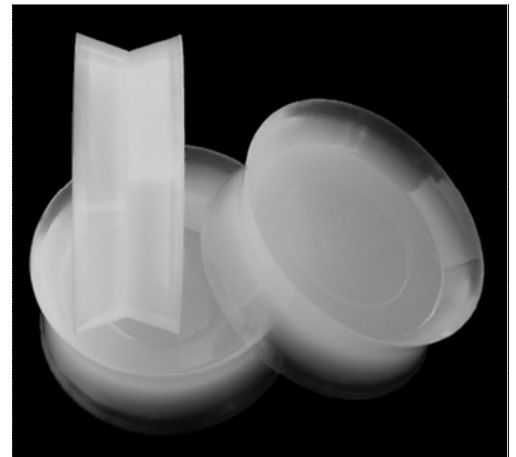
The patented Zima-Kolben piston guarantees a perfect seal between the content medium and the propellant.

The high sealing ability of the Zima-Kolben piston system makes it possible to use the system with content media of different viscosities.

The special design of the Zima-Kolben piston allows smaller imperfections of or damage to the can without affecting the high sealing ability.

Exactly these properties are the condition for trouble free practical application of dual-chamber systems.

The upper form of the piston can in addition be adjusted to easily fit the inner form of the can. This assures an almost complete emptying of the content medium.



Facts

- More cost efficient than all other alternatives Standardisierte Produktion
- Standardized production
- Suitable for all can diameters
- Huge range of products
 - Technology
 - Medicine
 - Cosmetics
 - Food
 - etc.
- Suitable for high as well as low viscosity liquids
- Reusable and refillable
- Benefits of propellant
 - Expensive fuel gases account for (air sufficient as a propellant)
 - Less polluting
 - Non-flammable, no risk of explosion
- Environmentally friendly

Production

The Zima-Kolben piston can is produced using state of the art injection molding techniques for conventional plastics. On request of the customer, special plastic materials can be used as well.

In the development of the Zima-Kolben piston great value was put on universal and simple adapting to different standard can and can neck designs.

The special design of the Zima-Kolben piston guarantees the fast and unproblematic accommodation of specific customer needs.



Product range

Plastics bottling products are now indispensable in virtually all application areas be it foods or technical. The number of types of products is huge and the variety of product requirements correspondingly immense.

The Zima-Kolben piston system can be used with almost all injection molding materials available on the market.

This allows the application of the Zima-Kolben piston system for a very large range of products, ranging from food products to corrosive or other aggressive products.

A number of market standards were chosen as basis for the design of the upper part of the Zima-Kolben piston. This design guarantees a discharge rate via the Zima-Kolben piston system of 90% to 99%.



Cooperations

Zima is committed to extend its base of production and strategic partners Europe wide. As production partners bottling plants and aerosol can manufacturers are of special interest. As strategic partners we welcome especially distribution specialists.

A prime example of a new product evolution, in the lubricants sector, is the Finnish Pentisol Ky, active in the Nordic countries. Pentisol Ky only recently brought an innovative product for lubrication of outboard engines on the market. For additional product or company information, please contact us directly.

Strategic partners

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