

Foaming of liquids with the supermatic foamapplicator Proven technology in a new application

Liquid-foam products in the market are nothing new. Foam is the preferred application of consumers for cleaning and personal hygiene. The here presented new Schaumapplicator not only reflects this fact but also takes into account the increased environmental awareness of consumers.

Foam by simply mixing of air and liquid. Nevertheless, only a few are able to foam liquids and generate beautiful, consistent, environmentally friendly foam without propellant.

How does it work? By squeezing the elastic plastic bottle, the liquid rises through a dip tube into the applicatorhead. Simultaneously, air is supplied through a separate air channel. Liquid and air whirled in a certain ratio and foamed. The foam is pressed through a Mikrosieve, refined and ejected through the opening in closure cap. Releasing the bottle is again supplying air into the bottle via a separate channel, so it immediately is ready to operate.

This technology is based on the proven foam system for the Squeezefoamer by Supermatic Kunststoff AG. This patented foam technology from Switzerland consists of a special foam valve, closure cap and dip tube. This system is made entirely of environmentally friendly plastic without metal parts.

What is so special about this Foamapplicator system? This foam valve ensures the correct air mixing, thus regulates the air / liquid ratio. This ensures that a pretty, consistent foam can arise. The strong interaction of all components is a prerequisite for a good result. These include tensides, the right viscosity of the liquid, etc..

The Swiss produced foam valve is the key component in various foamdispenser applications for over 20 years, without the general public being aware of it.

The increased environmental awareness of consumers and the problem of waste has motivated the inventor, to relaunch this new adapter system and revive the market.

The new system fits standard bottles with thread SP 24/410, which ensures opens a wide range of opportunities.

The Foamapplicator system makes an active contribution to environmental protection. The foam is generated without propellant and the liquid in the bottle is refillable. This in turn leads to an economical consumption (not all are happy about this) and the packaging is recyclable.

Foam scores compared with other textures, is pleasant on the skin, is easy to perfume, distributes well and is well doseable. That sad, a foam system for many applications.

Proven applications are to found in the Medicinal sector eg in skin regeneration, for the intimate area, at sun- or insect protection. The cleaning and care of the body and materials are probably the most common application areas.

This article is supposed to give you a suggestion, to think about the liquid products used in everyday cleaning and hygiene. Increased foaming of such liquids leads to reduction of waste, you save money through reduced consumption and you add a small contribution to the environment.

You would like to try out your own ideas? Then order the testkit of Supermatic Kunststoff AG today.