

BOTTLEPOST

B L O W - F I L L - S E A L - T E C H N O L O G Y

bottelpack[®]

THE LEADING BRAND IN BLOW-FILL-SEAL TECHNOLOGY

Blow-Fill-Seal Technology for ophthalmic applications/products

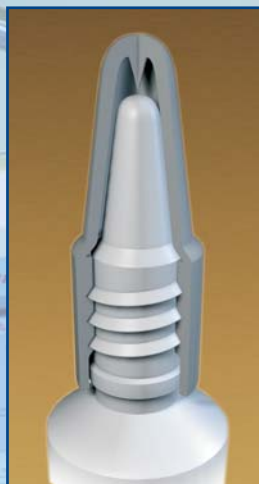


KMT-CLOSURE

rommelag[®]

www.rommelag.com

Multi Doses



The KME-Closure is augmented by a screw cap with a pin. Turning down the cap with the pin results in an opening for drops or spray.

From the beginning of the 1970's, the bottelpack® system established itself very rapidly in the field of eyedrops and ocular medicine for volumes ranging generally between 5 and 15 ml. These plastic bottles are blown, filled and sealed under sterile conditions. The bottle-neck has a standard thread fitted with a piercing cap. When the product is to be used, the cap is screwed down as far as it can go. The spike inside the cap pierces the upper membrane in the neck of the bottle.

The regular flow and size of the drops depends upon the diameter of the hole and the pressure exerted by the fingers. This system has been simple, safe, practical and efficient. It is used for many years and gives complete satisfaction for the great majority of products. However, it may be considered inadequate for special products which require strict observance of dosage instructions.

bottelpack®



Innovation KMT

The KMT solution provides greater safety by assuring control of the flow and size of drops.

The KMT-Closure cap is a completely new drop counting measuring assembly consisting of two distinct components: the protective outer cap with a tear-off ring and the integrated internally calibrated piercing tip.

The weight and control of the drop depend on a number of factors, in particular on the viscosity of the product. Therefore, each individual application must be studied in detail to find the best possible specifications for the piercing nozzle and dosing unit in relation to the required dosage of the product in question.

It must also be mentioned that this system can be applied using any bottlpack[®] machine. The characteristics of the machine do not require any form of modification and its output is not reduced. This innovation from rommelag[®] provides you with decisive technical and economic advantages which will enhance your competitiveness.



*KMT-Closure cap
(two-piece assembly)*



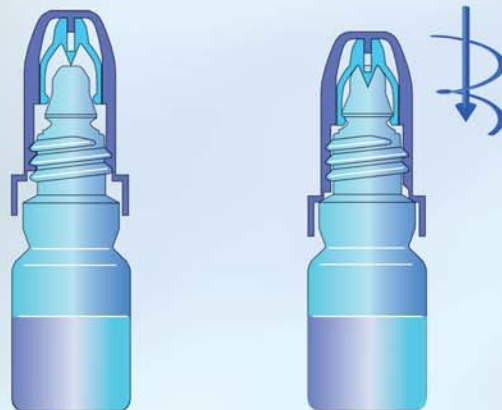
This new «double» cap is fitted outside of the process, either completely automatically online, or off-line, depending on demands on work capacity. It is essential that the tear-off ring is absolutely intact to safeguard against accidental piercing of the membrane.



*Squeeze the bottle to dispense
the exact number of drops required.
The weight of these drops
is constant.*



*Tamper-evident
ampoule*



*Screw KMT-Closure cap down as far as it
will go in order to open the bottle with
the piercing tip (tear-off ring is broken)*



*Remove the
covering cap for
application*

bottelpack®



bottelpack® aseptic machines have a modular design, an integrated clean room class A (US-class 100) and an optional dark/white-machine separation. The fully automatic machines work either intermittent cycle with one and two moulds or continuously with rotating moulds. All are automated CIP/SIP-capable. The machine capacities vary according to the container characteristics. 0,1 ml to more than 1.000 ml containers are filled at rates up to 30.000 containers/h. The filling is done by an extremely accurate time-pressure-dosing system.

Customer Service

The rommelag® companies have representations in many countries and utilize outstanding specialists to advise customers all over the world regarding pharmaceutical container selection and design, product compatibility of

Corporate Description

rommelag® is the inventor of the Blow-Fill-Seal (BFS) Technology and is the worldwide leading manufacturer and supplier of bottelpack® advanced aseptic BFS machines. bottelpack® machines have been supplied for packaging sterile liquids, creams and ointments. rommelag® also supplies complete finishing lines as well as leak detectors and cap welding machines.

The rommelag® organization consists of several factories and commercial offices. Today there are two sales offices for the marketing of bottelpack® systems, rommelag ag located in Buchs (Switzerland) and rommelag Kunststoff-Maschinen Vertriebsgesellschaft mbH headquartered in Waiblingen near Stuttgart (Germany). They are supported by two contact offices located in Evergreen (USA) and Shanghai (P.R. China). In total more than 1.000 employees are at the customer's service.



Products

- bottelpack® machines
- cap welding machines
- high voltage leak detectors
- finishing lines

plastics, closures design and requirements. They also provide competent advice in environmental matters. rommelag® has close contacts with plastics manufacturer's technical application departments and other related institutions.



www.rommelag.com

rommelag ag
P.O. Box
CH-5033 Buchs
Switzerland
Phone: +41 62 834 55 55
Fax: +41 62 834 55 00
E-Mail: mail@rommelag.ch

rommelag Kunststoff-Maschinen
Vertriebsgesellschaft mbH
P.O. Box 16 11
D-71306 Waiblingen/Germany
Phone: +49 7151 958 11-0
Fax: +49 7151 155 26
E-Mail: mail@rommelag.de

rommelag USA, Inc.
27905 Meadow Drive, Suite 9
P.O. Box 2530
Evergreen CO 80437, USA
Phone: +1.303.674.8333
Fax: +1.303.670.2666
E-Mail: mail@rommelag.com

rommelag Trading (Shanghai) Co., Ltd.
Room 1501 Xinyin Building
No. 888 Yishan Road
200233 Shanghai, P.R. China
Phone: +86 21 6432 0166
Fax: +86 21 6432 0266
E-Mail: romcn@rommelag.com