

advaltech

AWM
FOBOHA

CAPS AND CLOSURES — STATE OF THE ART

WE ADD VALUE FOR OUR CUSTOMERS



EXEMPLARY CLOSURES



Short-neck

In addition to the standard 28 mm diameter closure, AWM now also offers the short-neck closure with massive weight reduction and shorter cycle times.



Lightweight

The water closure with a diameter of 30/25 mm weighs a mere 1.7-1.9 grams. The 64-cavity injection mold from AWM enables a cycle time of approx. 3.8 seconds to be achieved.



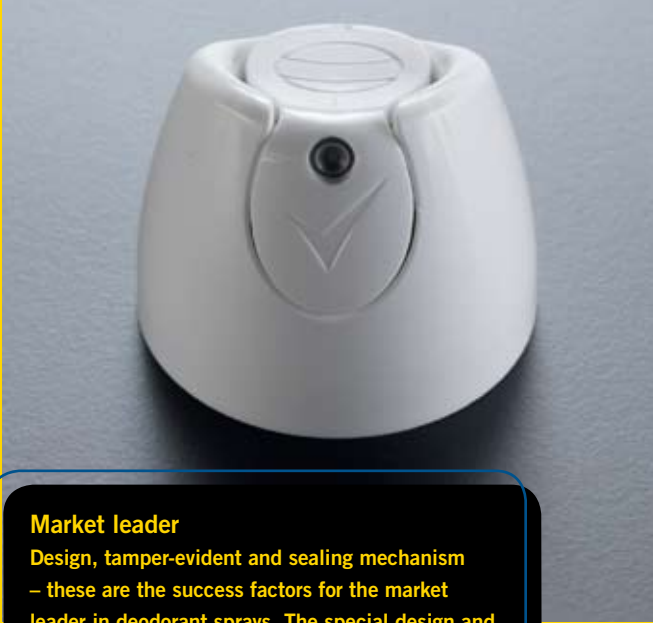
Sporty

The sport closure with guarantee seal can easily be operated with one hand. In-Mold-Closing technology enables this closure, weighing 3.4-3.8 grams, to be produced extremely economically in one piece.



2-K Closure

Adval Tech's leading-edge multi-component technology enables customized two-component beverage closures to be produced especially economically.



Market leader

Design, tamper-evident and sealing mechanism – these are the success factors for the market leader in deodorant sprays. The special design and the ingenious functional features impose very high demands on mold technology.



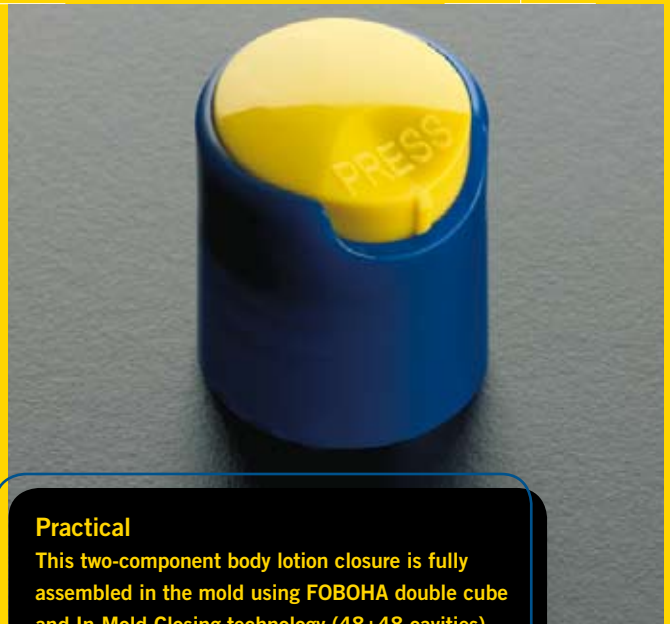
Soft

This two-component shampoo closure is produced in a stack mold using Core-Back technology (32+32 cavities).



Comfortable

This comfortable two-component closure is already closed in the mold using In-Mold-Closing technology (24+24 cavities).



Practical

This two-component body lotion closure is fully assembled in the mold using FOBOHA double cube and In-Mold-Closing technology (48+48 cavities).

QUALITY AND COST-EFFECTIVENESS

Our AWM and FOBOHA brands cover the entire value-adding chain in the field of caps and closures: from customized development of components, through mold flow studies, prototype production and manufacturing high-performance injection molds, to supplying turnkey production installations.

OUR SERVICES

Product development and design

- Feasibility studies
- Material and strength calculations
- Analysis of production processes

Prototype production

- Manufacturing prototypes
- Producing pilot molds

Moldmaking and mold development

- Mold concepts
- Mold flow analyses
- Automated, air conditioned manufacturing around the clock

Technology Center

- Sampling and short production runs
- Monitoring and optimizing processes
- State-of-the-art injection molding machines, 175 - 600 tons

Service and customer training

- Training customers
- Commissioning
- Optimizing customers' processes on-site
- Follow-up assistance and service worldwide

System integration

- Turnkey installations
- Manufacturing concepts
- Project management



Our specialist engineers develop new products on state-of-the-art CAD.



Video measuring systems are used for measuring complex plastic components.

TECHNOLOGICAL HIGHLIGHTS

Customers all over the world are convinced by solutions from AWM and FOBOHA. Injection molds from AWM and FOBOHA are operating successfully in more than 40 countries in the caps and closures sector.

Whether standard, single-component mold, highly complex multi-component stack turning system or double cube system with In-Mold-Assembling: the common denominators of our solutions are uncompromising quality and high cost-effectiveness.

Multi-cavity molds and stack technology

Innovative mold technology makes it possible: lower costs with higher production reliability. Thanks to compact design with up to 96 cavities, stack technology with 64+64 cavities and leading-edge cooling technology.

Stack turning module technology

offers many additional options and advantages:

- cycle times reduced by up to 25%
- cavity numbers doubled with no change in machine size
- components removed by robot
- components and labels can be inserted and extrusion coated
- additional cooling of the shots

Multi-component technology

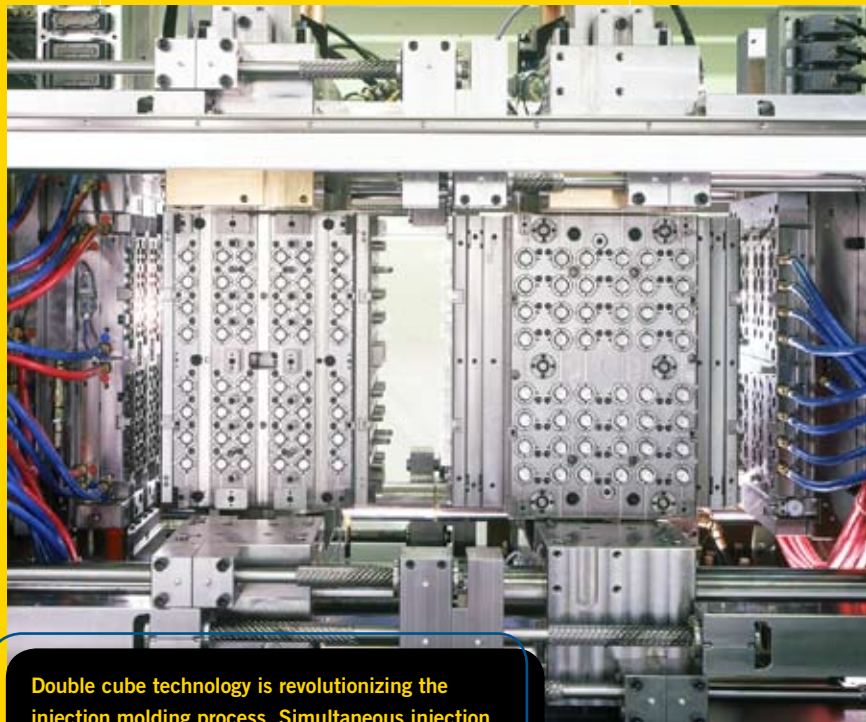
Using Core-Back, rotary table or cube technology, as a leading supplier in field of multi-component technology we also implement out-of-the-ordinary customer requests efficiently and reliably in production.

Low-maintenance, reliable and long-lived

Due to our unique mold concept and high standards of precision our molds are remarkably low-maintenance, reliable and long-lived.

Total interchangeability

The total interchangeability of the mold inserts reduces maintenance work and inventories to a minimum.



Double cube technology is revolutionizing the injection molding process. Simultaneous injection on two closing levels and assembly of both components in the mold are possible in a single cycle.

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