



Modulpac

Our new closure
FlixCap™



FlixCap™ - The new cap for liquid board carton brands

Tethered caps and closures

The EU directive 2019/904, supported by international standard EN 17665:2022, stipulates that caps for drinks must be tethered as from 3 July 2024. This is a critical environmental move supporting circular economy needs. Modulpac has a powerful solution with its new tethered cap but has taken the thinking and design much further to elevate the value of this pack format.

Modulpac

Modulpac AB is a leading producer of plastics caps and closures in the Nordic region. We are located in Lagan, Sweden where we have two factories. Certified to FSSC 22000 and ISCC+, as well as ISO 9001, ISO 14001 and ISO 13485, we have built significant know-how and innovation into our sourcing, design, manufacturing and delivery of our caps and closures. This strong and unique position has enabled us to develop a lean production process for an innovative, easy-to-use tethered snap-cap for dairy cartons, both on the filling line and in consumer usage.



Threads vs snap-on caps

There are two common design approaches for caps, either with threads or with snap-on locking. Threads are needed for carbonated soft drinks. For non-carbonated drinks and wet foods such as milk, juice and water, advantages can be achieved by a snap-on cap approach that fulfils all technical requirements and adds important trending consumer and brand values. Screw caps require the consumer to use both hands. When tethered, they get more difficult to use. Snap-on caps are both simpler for the consumer to use and have the critical benefit that they are easy to open with one hand. A valuable step forward.

The FlixCap™ advantage

Our new lightweight snap-on cap is called FlixCap™. It flips and it clicks. A single-handed operated cap is a perfect solution for non-carbonated drinks. It improves the consumer's actual usage experience, plus lifestyle perceptions, with its user-friendly quick open and reclose. The tamper-evident break-bridges feature delivers two usage cues, a visual and an audible proof. Then the opened cap stays in an auto-fixed open position during product serving. On consumer reclosing a further audio cue is delivered confirming a completely tight package when reclosed. Again, both technical and consumer needs are met.

The FlixCap™ spout and lid elements are made from the same LDPE material ensuring production and technical benefits, extending this advantage to recyclers. Sources for the LDPE can be both bio-based and traditional.

Brand recognition

It is essential to make your consumer packs user-friendly and not negatively impact your brand. FlixCap™ facilitates consumer handling and provides a premium experience with ease of use and introduces a positive interaction at a visual and audio level. Your brand will immediately benefit from it. FlixCap™ supports and continues the drive of premium products underpinning their brand values and recognition; we also see a role for FlixCap™ in the commodity liquid product arena because of its simplicity, intuitive use and application.

Filling machine integration

The compatibility with existing filling lines and cap feeding and sealing is instant. The spigots (cap transfer heads) can in some packing line setups run both previous and the new FlixCap™ cap versions, making a switch flexible. Changing to new spigots is a quick task.

Delivery and transit boxes

FlixCap™ caps are packed in standard poly bag-lined corrugated cases. We also utilize a robotized efficient pack pattern, minimising transport and storage space. In addition, a return-and-refill case scheme is available, saving even more on climate impact.





Modulpac

Plastic closures with total flexibility



Torkel Bergengren

Packaging Solutions Manager

+46 (0) 372 255 14

torkel@modulpac.se

www.modulpac.se



Gustav Granath

Area Sales Manager

Scandinavia & BeNeLux

+ 46 (0) 372 255 02

gustav@modulpac.se

www.modulpac.se