



SUSTAINABILITY
WINNER
2021

YOUR PACKAGING SOLUTION
GO GREEN WITH PP MONO
FULLY RECYCLABLE

ETIMEX SUPPORTS WITH THOUGHT OUT DEVELOPMENT PROCESS CONVERSION TO SUSTAINABLE PACKAGING WITH PP MONO

The consumers' increased environmental consciousness reflects a positive change. It is about the reduction of disposables, the use of more sustainable materials and more conscious consumption. The consumer not only questions what is being consumed, but also how. How is my product packaged? Are the materials used recyclable? Are primary packagings necessary at all? The consciousness is there, involving higher demands to the manufacturers to facilitate environmentally friendly behavior.

As a packaging manufacturer we know: Just giving up product packaging or replacing it by paper is not always sensible or feasible, e.g. for hygiene or safety reasons. How can manufacturers act more sustainably then - for more sustainable packaging solutions, for solutions between all or nothing at all?

In a reliable test environment, innovation and feasibility go hand in hand.

To achieve change, it will not do to rely on standard processes. It takes new ideas, considering a wide range of options and developing innovative concepts. Thinking ahead results in innovation. If the idea works reliably, it can finally be realized.

This requires a well thought out development and sampling process - for quick, flexible and realistic results.

A pioneer for sustainable concepts that can persist: the ETIMEX development department.

As a packaging manufacturer, ETIMEX counts on an in-house development department. This is where professional expertise meets creative minds and thought out processes run under optimum technical conditions. In this way, perfect solutions for highly individual customer requirements can be developed in close cooperation.

Full recyclability along with highest flexibility - with PP Mono

Nevertheless, the possibilities of developing new packaging concepts stand and fall with the material. Based on a material like PP Mono, however, developed by ETIMEX and honored with the German Packaging Award 2021, new standards can also be set in the development process. With its high flexibility it is ideally suited for innovative concepts - including full recyclability.



AWARD WINNER:
PP MONO BLISTER
FULLY RECYCLABLE

Recyclability
"very good"

19 of 20 points



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In this way, a new and more sustainable packaging is created in the development process.

Every development begins with a customer dialogue: What is the actual state, what does the nominal state look like? At the same time, the technical conditions of the customer and its brand identity are considered. In this way, a variety of implementation options can be derived at an early stage.

As soon as the concept exists, CAD designs can be created, presented to the customer and finetuned. This process gives rise to extremely realistic prototypes that closely resemble the end product at this stage.

In cooperation with long-standing regional tool making partners, sample thermoforming tools for small batches made of aluminum or cellular aluminum as well as sealing tools are created. For small batches, these can also be made of plastic in the 3D printing process – saving additional time and costs. Using these individual tools, the packaging sample (e.g. a tablet blister) can now be manufactured, filled with product samples, sealed and subjected to the required quality tests.

The sample created is 95% identical with the finished end product and thus a robust model in the development process.

Subsequently, ETIMEX also accompanies the customer under real production conditions – the right settings such as the fine adjustment of seal parameters or ideal temperature conditions for deforming the foils can be directly made at the FFS packaging machine on site. This is how the perfect final product is made: an innovative, 100% reliable packaging.

The additional value of an in-house development department for customers is obvious when it comes to special and manufacturer-specific packaging materials: Nobody knows them better than the manufacturer. The developers know the behavior, conditions and limits of the material very well. The closer they are to the development process, the smoother and faster it will be – without time-consuming knowledge transfers or adjustments. Instead, the distances remain short and flexible. In this way, samples are created that could hardly be closer to reality. And end products that allow for environmentally conscious consumption.

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