



*Krehalon*

Fits like a second skin.

In perfect shape with FormShrink.

**FORM**  **SHRINK**



**MULTIVAC**  
BETTER PACKAGING

# Irresistible product presentation



## **FormShrink**

### **The shrink pack that sets new standards!**

Customised shapes presented the way you want them - with unique precision and unrivalled profitability! Made possible by the combination of a specially optimised film range and a special fully automatic thermoforming machine! The result is a shrink pack individually tailored to meet the requirements of your product, with impressive visual impact and abuse resistance as well as maximum efficiency and productivity. This innovation was rendered possible by the cooperation and joint development skills of two leading packaging specialists: Multivac and Krehalon.

## **Perfect appearance**

- Excellent shrink properties guarantee the production of a pack that fits superbly like a second skin.
- Minimum sealed-edge dimensions all round as well as an integrated shape cutting facility that precisely eliminates all excess film automatically. Untidy corner areas and excess film are a thing of the past - your product is not given any more packaging than it really requires for a strong visual appearance.
- Maximum film transparency provides a see-through look and absolutely clear product presentation with excellent gloss.

## **Customised for your product, including tolerances**

- Every product receives a pack individually customised for it: no matter what size or shape. This means you are not tied to pre-produced bag dimensions and pouch proportions that are sometimes less than ideal.
- Easy opening. The tear tab. It is provided precisely where you need it and thus guarantees simple and controlled opening of the pack.

## **New flexibility in pack design**

- You do not only have freedom of choice as far as colour is concerned but you can also combine 2 different colours for the upper and lower

# Irresistible packaging line performance



web to produce a particularly distinctive design such as plate effect or tray replacement.

- The upper web is suitable for register printing and the forming web for continuous printing. This provides you with new ways to vary the design, appearance and professional presentation of your package to satisfy your customers' particular needs.

## **Greater reliability and hygiene**

- The controlled sealing process provides a considerably higher seal strength. This means greater seal reliability during transport and handling until the product reaches the end-user.

- Loading from above reduces considerably seal contamination and thus improves substantially overall hygiene standards.

## **Outstanding economics thanks to fully automatic vacuum thermo-forming packaging**

- Substantial material savings due to customisation of the vacuum pack in connection with the special ultra-thin shrink film:
  - Up to 20% less material than shrink bags.
  - Up to 50% less material than PVC tray packs.
- Maximum productivity, with a far higher packaging output in comparison with conventional shrink bag





packaging as well as consistently high packaging quality and precision. This is possible due to multiple die configurations, the unrivalled cycle speed offered by thermoforming technology and the automatic product infeed option.

- Considerable savings of up to 60% in working time and personnel compared with conventional bag packaging lines, particularly in the areas of loading and packaging.
- Drastic reduction in the level of waste and product returns caused by leaking and contaminated packs. Further advantages of thermoforming technology over conventional bag packaging are apparent here: simple loading from above, minimum

seal contamination and, above all, maximum seal strength on a consistent basis.

#### **Outstanding pack quality**

With FormShrink, you reach new standards in vacuum packaging, not only in toughness and quality but also with respect to reliability and hygiene. What this means for you: substantially less production waste, fewer complaints and returns and higher overall customer satisfaction.

- High seal strength thanks to the controlled sealing process with far higher strength than conventional vacuum packs.
- High shrink film stability and puncture resistance - up to 3 - 5 times higher than standard PA/PE thermoforming films.
- „Top“ loading of the pack leads to a considerable simplification and shortening of the loading operation. At the same time, contamination of the seal area is reduced substantially. This not only decreases the waste level but also increases the overall hygiene standards of the packs.

#### **Outstanding flexibility**

- Thanks to the excellent shrink properties of the films, products can be packaged with a range of weights in one size mould. Every individual product is given a customised pack - automatically!
- Maximum flexibility in film printing and colour selection. For the first time, clear plus coloured packages can be produced with a choice of colours (since the system uses separate top and bottom web). You are even more flexible with the printing options: you have a

free hand in your choice of colours and designs and thus able to determine the unique and unmistakable appearance of your pack yourself.

- Modification of the pack atmosphere is also possible, to package such sensitive products as poultry or other products with cavities that would collapse in a high vacuum. At the same time, the appearance of the pack and thus the visual impact of these products can also be optimised.



# The convincing solution



## **Low film thickness coupled with maximum puncture resistance and overall stability**

- Krehalon has opened up a new dimension of shrink films with this convincing combination. The benefits become strongly obvious when it comes to hard shapes and critical corner areas. This means greater reliability and convenience in production and logistics to the end-user - with high customer satisfaction and minimum waste guarantee.

## **Maximum transparency**

- For a perfect look and „see-through“ product presentation with excellent gloss.

## **Without a PVdC layer**

- The result together with minimum

packaging material input is a very positive environmental feature

## **Ideal sealing properties**

- In combination with the special Multivac machines, the Krehalon films provide the highest possible seal strength properties. This means maximum reliability with minimum production waste.

## **Krehalon advisory skills all over the world**

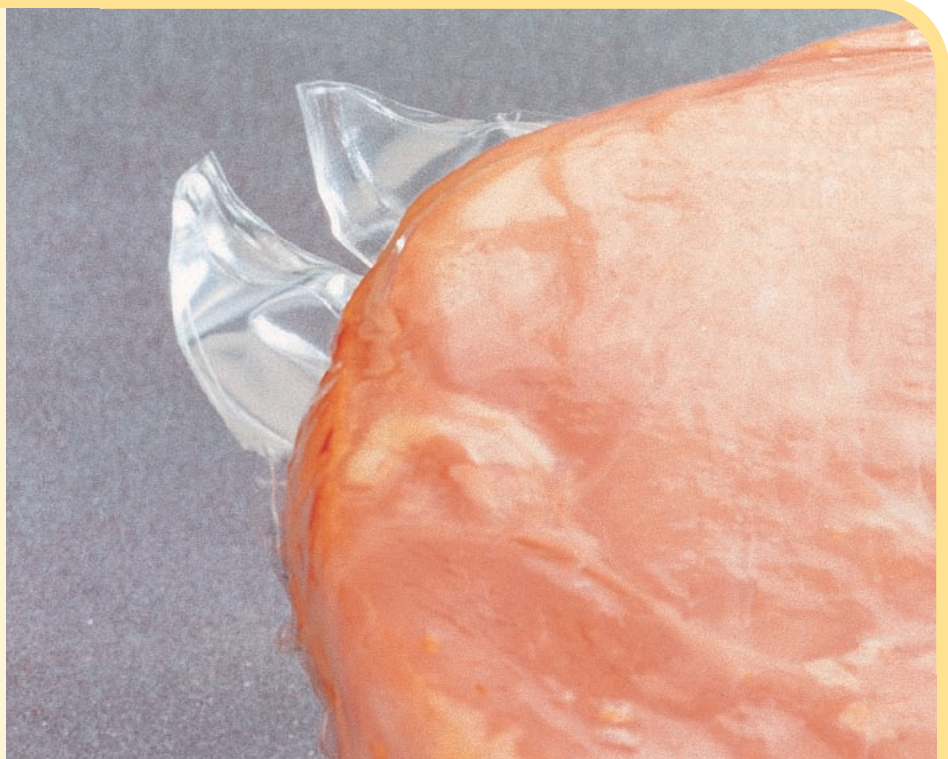
- Inquire about the Krehalon representative who is responsible for your particular location. We give you individual advice that takes your specific requirements into account.

## The film range

The Krehalon FS 50 series (for standard top web and bottom web for shallow depth drawing) and FS 90 series (for standard bottom web with high drawability) represent the outcome of an ongoing optimisation of the shrink film technology. The result is a new generation of thermoformable shrink films with excellent forming, shrinking and stability properties:

### **Extreme shrink properties**

- Excellently shaped, aesthetically appealing shrink packs that fit like a second skin are possible as a result. The impact of your product is maximised in this way.



# thanks to a convincing system:

## The machines

The R 555, R255 and R 155 thermoforming Machines which were especially advanced for The FormShrink process with all standards and advantages of the proven and cutting-edge Multivac thermoforming technology. The R 555 stands for highest capacity, maximum product dimensions and versatility when it comes to individual additional options. The R 255 is an all-purpose machine with a high packaging output for the most common application areas. The R 155 covers the lower range of performance.

### Modular frame structure made from high-quality stainless steel:

– Optimum adaptation to the individual product, room situation, additional units and possible peripheral equipment is guaranteed as a result.

### Simple operation

– The microprocessor control stores your individual and different settings and realises them precisely into temperatures, process times and operations. The user is guided through his user menus by a LCD display in a logical and convenient way.

### Thoroughly hygienic design

– All the sensitive, hygienically relevant areas are accessible directly or after a few quick manual operations to permit simple and thorough cleaning. As a result, we meet the strict EU requirements for food-processing machines.

### As individual as your requirements

– Every machine is configured individually to meet the specific customer's needs. This applies not only to pack dimensions, materials and properties but also to combination and synchronisation with further machines and peripheral equipment within packaging lines.

### Backed up by Multivac's global advisory and service capabilities

– Dependable advice that you can rely on and perfect, prompt service throughout the service life of the machine are essential for you to maintain constant efficiency. The Multivac name stands for this all over the world, with more than 800 company advisory and service staff.

**FORM**  **SHRINK** Patent pending