

Real case – packaging produced by Schur flexibles company

Flexible packaging solutions for all applications

The Schur Flexibles product range covers all requirements on the full line for the core markets served.

Our marketing- and R&D-staff monitors developments in our customer markets, the retail trade, and at end consumers – in order to continuously adapt and develop our product portfolio to meet all requirements. Our product development activities in raw material composition, packaging design and process technology combined with the know-how of our suppliers, enable us to offer our customers the best possible packaging solutions. Our aim is to develop high-end innovative solutions that create real added value at our customers in the food, healthcare, and tobacco industries.

Some examples of the current product range of Schur Flexibles:

High barrier films - key for extending shelf life of fresh and processed food



One of the most vibrant and growing sectors in the last 5 years is the market for “fresh and processed food”. As most of the products like meat and cheese were historically sold in one piece or sliced freshly over the counter, modern retail stores offer today a variety of ready sliced solutions. In most of the cases cheese, meat and poultry is sliced and stored in plastic trays that are covered with peelable and more often with reclosable lidding films or laminates.

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Schur Flexibles is able to offer one of the most comprehensive and innovative packaging solutions in the European market place. As a specialist in reclosable lidding films and laminates and with flexo- and rotocolor capabilities of up to 10 colors, Flexofol is an internationally well known innovation leader with strong focus on tailor-made customer solutions.

In the area of EVOH based shrink films that are used mostly for fresh meat, processed meat, bakery, poultry and fish, Schur Flexibles Vacufool is offering a full and modern product portfolio comprising Vacushrink, Vacuflex and Vacupouch. Most applications require premade bags or pouches made out of EVOH and / or PA/PE materials. The new Vacuflex HB and MB films belong to the best thermoforming films worldwide with surpassing properties (barrier, high transparency and gloss).

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Lidding films & laminates - key for extending shelf life of fresh and processed food



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Multi-layer laminates for various applications

The extensive and growing application of laminate solutions is based on the numerous requirements that are set on the qualities of flexible packaging.

Meeting all requirements in one material can be difficult, whereas a combination of different materials makes it possible to construct a laminate that is employable for most products and most storage conditions. To construct the suitable laminate packaging for your product we need to define the

- required barrier properties
- required strength properties
- required welding properties
- packing method & packing machine



Schur Flexibles runs modern lamination facilities, based on solvent-free and solvent containing processes. The comprehensive Schur Laminate range enables us to meet most market demands for suitable and economic packaging solutions.

The Schur Laminate range comprises mostly 2 and 3 layer combinations of polyethylene, cast and biaxially-oriented polypropylene, polyester, and polyamide. Most of these films can be combined into an optimal solution, protecting your product and offering the vital sales support.

Peel and reclosable solutions ensure convenience and freshness



One trend within the packaging industry is evident: consumer convenience is a key feature. Recloseable bags and trays are easily opened, closed and stored again. And because the product quality is ensured to the very last bite, a reclosable bag or tray offers the best possible storage.

For many years, Schur Flexibles has supplied reclosable solutions for bags and trays for various fresh and dry products like cheese, fresh meat, minced meat, cereals, rice, baking ingredients, etc., to name only a few.

However, also a growing number of frozen food producers seem to become aware of the consumers' demand for convenience: Reclosable bags are supplied to food producers all over Europe - for frozen products like fish, seafood, poultry, ready meals, snacks, pastry products and minced meat. But also within the bakery industry the tendency is evident: both producers and consumers appreciate the advantages of a convenient recloseable bag for bread products.

The Schur DrawString is an example for a construction that enables the consumer to open and reclose the packaging. These bag constructions are mainly applied within the hygiene and cosmetics industry.

Schur Flexibles has refined the traditional inner liner film for bag-in-box solutions with new features. The result is the Schur Flex B-Peel solution. The single-source 3 layer PE construction gives the pack prominence on the supermarket shelf, and the peel effect offers high convenience in the household.

The Schur Flex B-Peel construction is a cost-effective solution for products that need high barrier qualities, but do not call for a laminate construction.

Specialty PE and CPP films for various laminate applications



Schur Flexibles supplies high-end PE and CPP films manufactured in two extrusion plants for both food and non-food applications. Each available combination is tailor-made to fulfill specific requirements:

- to ensure optimal protection of the product
- to offer vital sales appeal and consumer convenience
- to optimize the packing process on all types of packaging lines

Continuous development activities take place applying all new polymer technologies and employing new polymers such as metallocenes, bimodal PE and VLDPE.

Our objective is to be abreast of - preferably rather ahead of - any requirement from customer side and to minimize the total impact of packaging consumption on the environment, by reducing the material consumption – in terms of material down gauging and construction refinement.

The shiny and glossy surface of cast PP (Polypropylene) will enhance the appearance of any product. Adding a touch of exclusivity, the excellent clarity of the packaging material makes the product stand out at its best. The material offers an excellent basis for print.

Cast PP is applied for many paper products, e.g. greeting cards, as the excellent clarity is an evident advantage. Cast PP is used for a wide range of bread products, as the gloss and clarity of the material underlines the freshness of the product. As cast PP is heat-resistant and tolerates a pasteurization process, the material is also the ideal solution for bread packaging.

For all types of fresh produce like vegetables, herbs and lettuce, as well as cut flowers and potted plants, cast PP is the evident solution.

When the best possible exposure of a product is vital, like e.g. in the case of impulse items like flowers and toys, it adds the final touch to achieve a perfect presentation. Also for many types of textiles, like e.g. shirts, ties, bedding covers, cast PP is employed.

The wicket bag - many possibilities

The wicket bag is the most commonly applied bag type for flexible packaging – for manual packing, as well as for many types of semi and fully automatic packaging machines.

All product types can be packed in a wicket bag – from fresh bread and petfood to sanitary towels.

Schur Flexibles supply wicket bags made of PE, CPP and laminates of almost any size and make. The bags are available with different opening and reclosability features, which additionally can be combined with a wide selection of carrier handle constructions.



The number, the size and the make of the wickets can be adapted to the respective packaging machines.

Shrink bags - key for extending shelf life of fresh and processed food



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Recloseability with a string



The Schur DrawString construction is mainly applied within the hygiene industry – for products like feminine hygiene, sanitary towels, incontinence towels, cotton wool pads and the like.

The Schur DrawString construction offers a convenient recloseability feature. The consumer simply breaks the perforation in the top of the bag, opens the pack, takes out the required product, and by means of the practical cotton drawstring recloses the bag. Simple and easy - convenient and hygienic!

The Schur DrawString bags are available for both manual filling as for fully automatic filling on various types of filling lines.

The cotton drawstrings are available in many colours - also in colours that will match your bag design

The tobacco remains fresh

Schur Flexibles has a market leader position in the field of primary packaging for Roll-Your-Own, Make-Your-Own and Pipe tobacco. Production and sales are concentrated at Schur Flexibles Benelux in Leek, the Netherlands.

Schur Flexibles Benelux produces a variety of ready-made tobacco pouches:

- PE- paper-insert-pouches
- Pluvius 1 pouches (sealable paper-insert pouches with printed paper)
- Pluvius 2 pouches (sealable paper insert-pouches with printed film)
- Laminate roll-pouch in various material constructions



Besides, Schur Flexibles Benelux produces tobacco specific laminates on reel:

- OPP/PE
- PET/PE
- OPP/MPET/PE
- PET/MPET/PE
- Paper/PET/PE
- Paper/MPET/PE

Most of these constructions can be delivered as peel-sealable pouches which guarantee the tobacco manufacturer and the consumer that the tobacco remains fresh until opening. Film on reel is supplied as flexo- or gravure printed film and laminates with a maximum of 11 colours.

Innerprint, matt/glossy effects and double pocket pouches are only some of a range of features that Schur Flexibles Benelux provides in order to further enhance the tobacco packaging.

If one adds all the above, this results in a strong basis to answer customer questions related to Roll-Your-Own, Make-Your-Own and Pipe tobacco packaging.

More than just paper look



Schur PolyPaper is based on polyethylene, KWH's product "paperlike" is based on cast PP. The recipe and the production process give texture, look and deadfold effect like paper together with the strength and environmentally friendly qualities of polyethylene and polypropylene. This makes the material perfect in product segments where paper-look is an advantage, but where paper would not meet the requirements in respect of strength and durability, e.g. in damp environments. The strength of the material means that it will hardly be torn and additionally it ensures a friction-less packing process.

By means of coextrusion technique, Schur PolyPaper and KWH's "paperlike"-CPP can be produced in various combinations, customised to both packing process and product.

A Schur PolyPaper bag offers qualities that seem to be in great demand from consumer side: paper-look, paper-feeling, and deadfold. The feature deadfold offers recloseability, when the bag top is folded and the attractive paper-look provides a feeling of home-made products.

Another example of the versatility of the polyethylene and polypropylene with paper-look, are maps printed offset on Schur PolyPaper or on KWH's "paperlike"