

READY MEAL TRAYS

THERMOFORMING SHEETS

FLEXIBLE FILMS

PHARMACEUTICAL FILMS



WE ARE YOUR PARTNER IN PLASTIC PACKAGING SOLUTIONS
FILMS, SHEETS AND RIGID CONTAINERS FOR

01 FOOD AND PET FOOD

VITESSA® - CONVINA® - COMEDA® - VISTAFORM®

READY MEALS – FRESH, CHILLED, FROZEN OR FOR AMBIENT CONDITIONS (PASTEURISED, STERILISED), SOUPS, SAUCES, SNACKS AND CONVENIENCE PRODUCTS, PATES, SPREADS, SUSHI, DESSERTS, FRUIT SALADS, BABY FOOD, FOOD FOR SPECIAL DIETARY REQUIREMENTS, AIRLINE-FOOD, CATERING AND FOOD SERVICE SECTOR, PET FOOD – TREATS AND WET FOOD

02 CONVERTER

VISTALUX® - VISTALID® - VISTAPEEL®

LAMINATING FILMS FOR FLEXIBLE MULTILAYER COMPOSITES, E.G. FOR STAND-UP POUCHES, EASY-OPEN LID FILMS, HEAT-SEALING FILM, SILICONISABLE FILM, RELEASE SHEET

03 PHARMACEUTICAL AND HEALTH CARE PRODUCTS

PURELAY® - PURELAY® LID

TABLET BLISTER PACKS, MONO BLISTER PACKS





DEVELOPING IDEAS. CREATING SOLUTIONS. ACHIEVING CUSTOMER SATISFACTION.

With you Etimex creates high-quality packaging solutions for food, pet food, baby food and convenience food, pharmaceutical and technical products.

With our highly motivated and experienced team we meet your demands in packaging solutions made from plastic sheet, films and containers with the highest level of flexibility and efficiency. We use leading technologies in the production stages of extrusion, thermoforming, injection moulding, barrier injection moulding, IML (In-Mould-Labeling).

We guide you from the first ideas through design development, prototype production (3-D), pilot tools and tool design and construction through to production and delivery.

With individual and attractive packaging solutions we contribute to the success of your products.

If you are active in the areas listed below, then we are the right partner for your packaging requirements and special requests:

Visit us on the internet on www.etimex-pp.com and be inspired by our film and product finder.

60 PRODUCT PACKAGING AT THE HIGHEST LEVEL.
ETIMEX
60 YEARS OF COMPETENCE





01 FOOD AND PET FOOD

VITESSA® - CONVINA® - COMEDA® - VISTAFORM®

READY-MADE MEALS – FRESH, CHILLED, FROZEN OR FOR AMBIENT CONDITIONS (PASTEURISED, STERILISED), SOUPS, SAUCES, SNACKS AND CONVENIENCE PRODUCTS, PATES, SPREADS, SUSHI, DESSERTS, FRUIT SALADS, BABY FOOD, FOOD FOR SPECIAL DIETARY REQUIREMENTS, AIRLINE-FOOD, CATERING AND FOOD SERVICE SECTOR, PET FOOD – TREATS AND WET FOOD

We supply well-known brands and we are also happy to supply you with individual packaging in the form of trays, pots and lids made from various plastics (CPET, APET, PP, PP Barrier with EVOH to name a few). Technically demanding and visually impressive solutions are our speciality, we also have a wide range of standard solutions, please use our [product finder](#) on the idea for initial solutions.

We supply a wide range of thermoforming sheet for example for FFS machines.



02 MANUFACTURER OF FLEXIBLE PACKAGING - CONVERTER

VISTALUX® - VISTALID® - VISTAPEEL®

LAMINATING FILMS FOR FLEXIBLE MULTILAYER COMPOSITES, E.G. FOR STAND-UP POUCHES, EASY-OPENING-LID FILMS, HEAT-SEALING FILM, SILICONISABLE FILM, RELEASE FILM

We offer an extensive range of sealable or peelable or coatable cast polypropylene films (CPP). These PP laminating films are used, for example, as a functional layer in composite film pouches, lid films and heat sealing films. Siliconised variants can be used as release film.

03 PHARMACEUTICAL AND HEALTH CARE PRODUCTS

PURELAY® - PURELAY® LID

TABLET BLISTER PACKS, MONO BLISTER PACKS

We are the leading supplier of outstanding thermoforming pharmaceutical films made from polypropylene (PP) for tablet blister packs. Our press-through film made from PP (instead of aluminium) facilitates the manufacture of mono blister packs made from PP. Production takes place in the clean room of class 100.000.



DEVELOPMENT AND INNOVATION

We have a team of experienced technicians and design engineers. From raw materials usage through to design engineering on ultramodern 3D-CAD stations we are continuously working on developing our packaging solutions further.

TOPICS WHICH ARE IMPORTANT TO US

- > Shelf-life of the contents
- > Cost-effectiveness at the same time as customisation
- > Visual and tactile properties - to create or emphasise brand identity
- > Consumer friendly

OUR COOPERATION WITH YOU

The following steps describe the typical process of packaging development at Etimex

01 CUSTOMER ADVICE

- > Analysing your requirements and factors (contents, filling process, brand recognition)
- > Illustrating options (for all process options)

02 DEVELOPMENT PHASES

- > 3D-Design proposals
- > Design engineering with efficient 3D-CAD-Software
- > Production of 3D-models or sample tools

03 REALISATION

- > Pilot series testing
- > We support you in the filling process for new packaging
- > Defining sealing parameters, setting autoclaves etc.
- > We guide you through the first series production on-site



TECHNOLOGIES



EXTRUSION

- > From 25 µm to 2.5 mm, up to 9 layers
- > Cast film extrusion lines
- > Roll-stack extruders
- > Water bath technology
- > Ultra transparent, single and multi-coloured films
- > Use of barrier materials (EVOH and others)

THERMOFORMING

- > Standard forms, specially drafted designs
- > Perforated splittable trays, multi-compartment trays
- > Decoration with labels (IML)
- > Use of robots for handling and packaging

INJECTION MOULDING

- > PP without barrier
- > PP with barrier (co-injection) – “plastic can”
- > With and without label (IML)
- > Use of robots for handling and packaging





PRODUCTS

For more than 60 years plastic packaging has been our contribution to the optimal protection and appealing presentation of your special products.

01-06 We supply rigid plastic containers, be it **trays, pots or lids** made from a multitude of plastics, to match your product requirements in terms of shelf life and for the protection of pure flavours, taste and aroma as well as your production methods.

07 We supply optimal thermoformable sheet made from PP, PET and PP barrier, ideal for FFS machines. VISTAFORM® PP films are characterised by maximum transparency.

08 Flexible films based on CPP offer you - as a converter - customised properties for many areas of application

09 PURELAY® and PURELAY® LID from the clean room are the best solution for PVdC-free blister packs made from polypropylene as well as PP-mono-blister packs.

Further information about PURELAY® can be found on www.purelay-die-pharmablisterfolie.de





01 VITESSA® C-PET TRAYS

Temperature-resistant from -40 °C to + 180 °C, up to + 220 °C on request.

AREAS OF APPLICATION

For chilled or frozen ready-made meals as well as pasteurised meals. Preparation in conventional ovens, fan ovens or microwaves.



02 VITESSA® A-PET TRAYS

Temperature-resistant from - 40 °C to + 70 °C.

AREAS OF APPLICATION

For fresh snacks, salads, ready-made chilled products and frozen products. MAP suitable.

03 VITESSA® A-PET TRAYS WITH BARRIER

Temperature-heat resistant from - 40 °C to + 70°C.

AREAS OF APPLICATION

For temperature sensitive fresh chilled products or for time-restricted storage at room temperature. High oxygen barrier with good transparency. MAP suitable.



04 CONVINA® PP BARRIER TRAYS OR POTS

Temperature-resistant from + 2 °C to + 125 °C. High oxygen barriers thanks to EVOH-barrier, taste and aroma protection and water vapour barrier. Enabling a long shelf-life for sterilised meals at room-temperature.

AREAS OF APPLICATION

Sterilised and pasteurised ready-meals. Preparation in the microwave or bain-marie.



05 COMEDA® PP TRAYS AND POTS

Temperature-resistant from + 2 °C or - 18 °C / - 40 °C to + 125 °C (depending on choice of raw material)

AREAS OF APPLICATION

For fresh, chilled and frozen ready meals, with the right choice of material. Preparation in the microwave or bain-marie.

06 INJECTION MOULDING FOR COMEDA® PP AND CONVINA® PP BARRIER POTS AND TRAYS

With the same properties many thermoformed products can be produced in injection moulding too, thus providing:

- > Cost-effectiveness for large quantities thanks to automated production
- > Replacement of metal cans with plastic containers, including flange design suitable for roll seam – similar to metal cans



CONTACT US TO FIND OUT MORE.



OUR SPECIAL RANGE IN THE AREA OF RIGID PACKAGING

- > Complex geometries (e.g. reproduction of logos, multi-compartment trays etc.)
- > Multi-layer film design - different colours inside and outside
- > Base ventilation (channels), ridges to increase stability
- > Trays with labels (IML label)
- > Film-lid, snap-on lid, also ultra-transparent, with or without label (IML)
- > Use of PP with material fillers for CONVINA®-PLUS-TRAYS for higher rigidity



07 THERMOFORMING SHEET

For FFS machines and thermoforming packaging

MATERIALS AND DESIGNS

- > PET
- > PP
- > PP-EVOH-PP
- > VISTAFORM® PP thermoforming sheet
- > Characterised by the highest level of transparency and unbeatable thermoformability, achieved by a special extrusion process,
- > Optimise production and improve your product presentation with VISTAFORM® PP thermoforming sheets

Further information on sheet properties offered (width, thickness, colour, additive) can be obtained from our sales team.



08 FLEXIBLE FILMS.

VISTALUX®, VISTALID® & VISTAPEEL® CPP FILMS

On modern cast extrusion lines Etimex manufactures premium mono and co-extruded polypropylene laminating film as well as film for coating.

VISTALUX® LAMINATING FILM, FILM FOR COATING

DESIGN

Mono and co-extruded, including with surface structure. Standard colours transparent and white, others on request. Formulation can be adjusted to requirements, e.g. for silicone application.

APPLICATION

Laminated against PET, OPP, OPA, aluminium, steel, paper among others. The ready-made duplex or triplex composites are used as sealing pouches, heat sealing film or stand-up pouches for the packaging of food, pet food, medical products or technical products.

VISTALID® & VISTAPEEL® FILMS

DESIGN

Coextruded, Standard transparent and white, filled punchable variants

APPLICATION

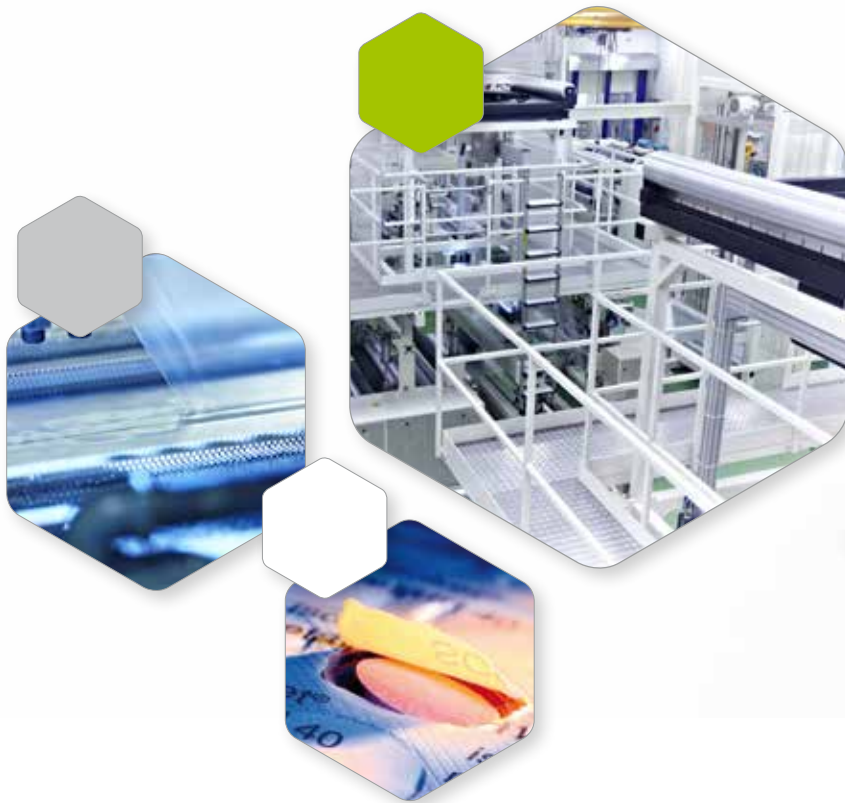
Laminated against e.g. PET or heat-resistant coated, the films are used as peelable sealing films in FFS machines, the filled variants also as die-cut lids for peelable sealing of trays and pots.

SPECIAL APPLICATION

Peel against itself in multilayer composite film pouches

OUR SPECIAL RANGE IN THE AREA OF FLEXIBLE FILMS

- > Formulation for pharmaceutical application or sterilisation applications available
- > Mechanical properties can be altered to a certain extent
- > Colour variants (translucent and opaque)



09 PURELAY® PHARMACEUTICAL FILMS
PURELAY®-PHARM & PURELAY® LID

PURELAY® films made from polypropylene offer the best water vapour barrier with simple quality control in your packaging process – it can be achieved by measuring wall thickness distribution.

Blister packs with PURELAY® PHARM protect your product against harmful environmental influences.

The barrier against water vapour is in the case of PURELAY® PHARM provided by the entire film and not only through a thin barrier, such is the usual case with multi-layer films associated with the risk of easy damage.



THERMOFORMING PP FILM
PURELAY® PHARM

- > High transparency
- > High water vapour barrier
- > Cost advantage
- > High machine performance
- > Clean room production
- > Excellent, reproducible thermoforming properties
- > You can achieve a PP mono blister with PURELAY® PHARM and PURELAY® LID

PURELAY® LID

- > Push-through PP sealing film for pharmaceutical blister packs
- > Substitution e.g. of aluminium possible
- > The film can be printed using the conventional process or can be coated with heat-resistant lacquer
- > You can achieve a PP mono blister with PURELAY® PHARM and PURELAY® LID



QUALITY AND HYGIENE

The Etimex quality and hygiene management in production is monitored and audited by independent certification bodies. Numerous client audits are a testimony to our high standards and ongoing improvement in the area of hygiene and quality.

The high requirements of the food industry are our minimum standard. For many years Etimex has not only been certified according to ISO 9001 but also to BRC/IoP-Standard.

In the Pharmaceuticals/Healthcare field we produce in a clean room of class D (100.000) and pursuant to GMP.

WE ARE CERTIFIED ACCORDING TO

- > ISO 9001-2008 (quality)
- > ISO 14001-2004 (environment)
- > BS OHSAS 18001 (occupational safety)
- > BRC / IoP (hygiene)
- > ISO 50001:2011 (energy management)

QUALITY ASSURANCE

Etimex focuses on extensive quality control, as well as machine-operator self-control and through continuous inline testing of the processes as well as numerous inspections on the finished products in the laboratory. Different chemical-analytical examinations such as the measuring of the melt flow index (MFI), the DSC-measuring or the IR spectroscopy ensure the constant high quality of our products.

Functional measurements such as the seal strength, cold crack resistance, stability, dimensional stability are integral parts of quality control in our company. Independent institutes test and certify regularly the food regulatory health and safety aspects of our products, in particular by means of migration measurements. The health of the consumer and the smooth running in your processes are crucial to the quality of our products.



ENVIRONMENT / SUSTAINABILITY

Environment protection and sustainable energy policy are of utmost importance to us. Our aim is to improve the energetic performance with a reduced impact on the environment. This is due to the responsibility, which we understand as an obligation to our staff, our customers, society and the environment. At Etimex cost-effectiveness and sustainability are not two extremes but instead go hand in hand.

Etimex is certified according to ISO 14001 and operates an energy management system certified according to DIN EN ISO 50001, which is the basis for ongoing improvement of energy efficiency and the systematic improvement of energy flows.

Etimex thus has a management process for the identification and evaluation of potential savings and has taken numerous measures to optimise energy performance.

- > Energy saving and energy recovery
- > Reusable returnable packaging
- > Weight reduction
- > Utilisation of production-related plastic residues (punching scraps etc.)
- > Use of recycled plastics (if technically possible and physiologically safe).

The very active operational suggestion scheme is not only based on the conventional topic of process improvement but also on potentiality in the areas of environmental protection, hygiene, health and safety at work and energy management.

Since 2011 an energy team has been acting upon the implementation of all goals set by management for the next 5 years, whereupon the staff are regularly updated about the status of the implementation.

For more than 20 years now groundwater has been used to cool the plants and the waste heat that is generated is used to heat the office and administration buildings. Relevant data on individual consumption such as compressed air, power etc. are monitored and stored using a special programme.



CORPORATE SOCIAL RESPONSIBILITY - CSR

Etimex is a member of the Non-Profit-Organisation "Sedex" (SupplierEthicalData Exchange), which is committed to sustainable and fair social and environmental conditions within the entire supplier and production chain. "EcoVadis" also provides information about our goals and successes in this area.

OUR STAFF

We take our staff very seriously and consider them to be important:

- > Occupational health and safety, certified according to OHSAS 18001
- > Ongoing training
- > Staff development and in-house healthcare provisions document our commitment in the social area far beyond the statutory requirements.



SALES AREAS

TRAYS AND POTS

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YOUR IDEAS. OUR SOLUTION.

ETIMEX GROUP

ETIMEX PRIMARY PACKAGING and ETIMEX TECHNICAL COMPONENTS are companies in the independent ETIMEX HOLDING.

Find out more under www.etimex.de

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