



[Passion] for packaging



Passion for packaging

[P] for People

A story born in Emilia-Romagna,
land of excellence

Ilip is a key member company of the ILPA Group, a European leader in the field of plastic processing and **recycling**. Ilip is synonymous with **quality** and leading-edge thermoformed plastic food packaging solutions characterised by a high component of **innovation** and **sustainability**. These solutions are designed to contain foods and deliver it where it is needed, through retail chains and foodservice channels, e-commerce and other modern channels, such as vending machines. The company is organised in three business units: Foodservice Packaging, Fresh Produce Packaging and Fresh Food Packaging.

Food, with the vast production base gravitating around it, and its entire supply chain are major industrial traditions in Italy, a market where big and small realities coexist. In this environment, Ilip plays an active role, based on its recognised technological excellence, a continuously growing product line-up, and a structural **commitment** in designing more sustainable packaging and in fighting food waste.

Providing the food industry with the means necessary to deliver the products to supermarket shelves, canteens, restaurants, offices and homes - as well as the people "on-the-go" - is a great responsibility. Good nutrition, in fact, is a guarantee of health, development and social wellbeing. This is what Ilip **people** have always been concerned with.

Our values since 1962

Since our earliest steps, we have always pursued **excellence** in food **packaging**, developing solutions that **protect**, enhance, give **value** to the product, and ultimately improve the consumer experience.

To our work we devote all the **commitment**, the creativity and the passion typical of our land, **Emilia-Romagna**. Besides aiming for excellence and **reliability**, we care for the territory, believe in **innovation** and **collaboration**, feel **responsible** for our choices and are **loyal** to our partners, customers and suppliers.



and future



[A] for Attention

Care, passion, listening: in
we are on



this way we feel
the side of our customers at all times

Understanding the critical variables of the market and identifying the needs of partners and customers comes natural to Ilip. And it could not be otherwise. Without a culture of attention and listening to our partners and customers we could not be at the forefront of **innovation**.

Ilip's production facilities are located in Valsamoggia, in the metropolitan city of Bologna, where the company can boast one of Europe's highest production capacities.

But this asset does not place a limit on the Ilip's flexibility and capacity to cope with customer requests coming from all five continents, which are dealt with and managed with dedication.

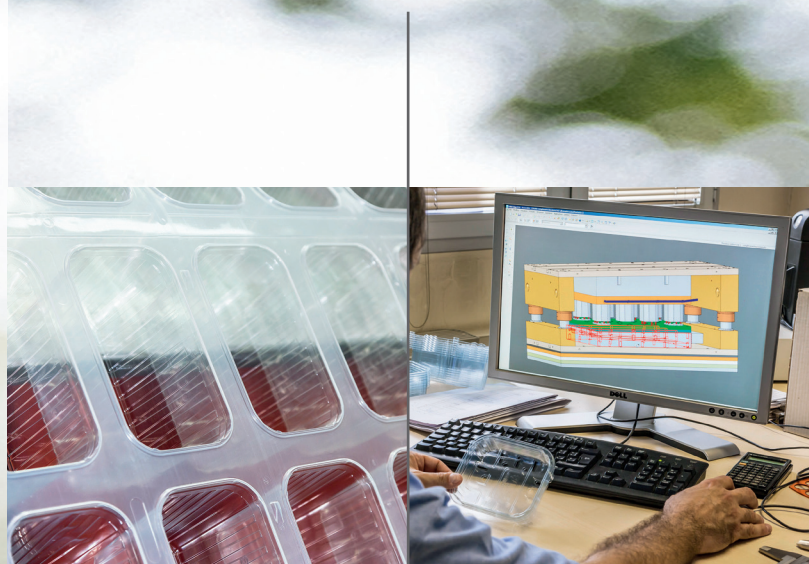
We think locally to act globally.

This is what prompted the creation of our Sprint (Special Product Innovative Technology) Division, which is able to develop tailor-made solutions ensuring a time span of six weeks from initial concept and design to production.

Our eco-design

At Ilip, we have a code of conduct that guides us during each and every stage of product development, from design to production. It is our **FIT4PURPOSE** packaging which substantiates our claim: **"More freshness, less waste."** The environmental impact of packaging can only be assessed in relation to the product it contains and the function it serves.

This is why, on a case by case basis, it is essential to find the ideal point of equilibrium between under-packaging, which may result in early spoiling of the food, and over-packaging, which has detrimental effects on the environment due to the excessive amount of raw materials used.



A woman with blonde curly hair, wearing a dark green coat and blue leggings, stands with her arms outstretched in front of a massive, dark brown tree trunk. The tree trunk is the central focus, showing signs of decay and peeling bark. The background is a dense forest of tall, thin trees. The ground is covered in a layer of white snow or frost.

[S] for Solidity

To improve quality it

With its entirely Italian capital, Ilip is one of Europe's main manufacturer of thermoformed food packaging solutions made from plastic.

takes know-how and economic vision

Thanks to its family-run business model, the company has been able to benefit from an extraordinary degree of continuity and stability. Today, more than 50 years after its foundation, Ilip is a financially **solid** reality, that has been able to grow continually and fast from very the start, and has never stopped growing since, year after year, reinvesting profits into its business and looking to the future with confidence.

The challenge taken up by Ilip, and hence its core business, has remained substantially the same: to produce cost-effective, high performance packaging products, which are also **sustainable** and enable **fresh** foods to reach the consumers avoiding waste and inefficiencies. And, once their task has been accomplished, convert them into resources that can be reused, in a **closed loop**, and can live a second life.

Our materials

To produce food packaging made of rigid thermoformed plastic we use top quality plastic materials. The range of our raw materials is very wide, encompassing traditional materials, such as PS, PP, PET, recycled ones, such as RPET, compostable materials like PLA and other biopolymers. Monitoring the technical evolution of raw materials, testing new materials and continually upgrading our manufacturing processes is an integral, essential part of our work.



[S]

for Sustainability

Taking good care of food.
Taking charge of future

For a long time, Ilip has undertaken research into the **environmental sustainability** of its products with a special focus on the role of packaging in food protection and preservation, as well as its role in tackling food waste.

How? Ilip's commitment finds expression along three lines: the first is to reduce packaging weight and the quantity of raw materials used without undermining the product's fitness for its intended purpose, the efficiency of the packaging process, the shelf life of packaged products and **safety** for the consumers.

The second line of development is **circular economy**.

Ilip and the ILPA Group are at the forefront of making use of recycled plastic and have vertically integrated the **recycling** of PET in their supply chain. With its latest investments, the ILPA Group has doubled its **recycling** capacity and has obtained the authorisation to produce 100% food-grade RPET from the European Food Safety Authority (EFSA). The third is the use of compostable bioplastic coming from renewable resources, a real, working alternative to the use of polymers of fossil origin.

In its position as a market leader, Ilip believes it must have a proactive approach to **social and environmental responsibilities**. In this connection, Ilip's R&D activities include specific programs, conducted internally and in collaboration with major Italian universities, geared to improving product functioning and **sustainability**.

Pursuing the proper balance

Eco-design means to achieve the right balance between performance, weight reduction – less raw materials and hence more sustainability – and protection of fresh food. From 2010 to the present, the weight of our B19 tray decreased by 20.7%. The latest version of this tray, model B19 NR, ensures much higher compression strength, weight being the same. The rounded profile of the ribbing does away with the risk of damaging the packaged product. The way side ribs are linked to the base makes for greatly improved mechanical performance and tray resistance during the packaging process.



generations



[|] for Innovation

The market rewards those



Ilip has always regarded **innovation** as a key factor, not only for the competitiveness of its solutions, but also as an absolute value that is perceived by the consumer. Characterising our catalogues, our product lines and individual models is a multiplicity of improvements and changes.

who can image what will come after

Taken together, our packaging solutions create a constantly evolving world of products that accompany, support - and in some cases precede - market and consumption trends.

An example? Our new Life+ system, which exploits the combined action of a heat sealable, anti-mist unvented punnet, an active pad, and a laser-perforated heat sealable film. This combination of factors creates inside the packaging a specific gas mixture that prolongs the life of the products, and makes **freshness** and the organoleptic characteristics of packaged products last longer.

Another example? Our new KlearCup glasses and Food2Go packaging products from the Foodservice Packaging range meet the demand for fresh, ready to eat fruit and vegetables, expressed by consumers who want to lead a healthy life even though they are always on the move.

These are examples of an effective way to perceive evolving needs in the fields of **environmental sustainability** and **safety**, hygiene and lifestyles, and to cater to such needs.

Our primacy

At present, we are the only European Group that can ensure total control and a **closed loop on PET recycling**, including all the different production stages: from post-consumer material selection, to the washing, grinding, extrusion and thermoforming operations required to make a new food packaging made out of RPET.

Vertical integration enables total material traceability and we have received from EFSA (the European Food Safety Authority) the authorisation to produce 100% food-grade RPET products. This is why we can safely state that we are a successful case of **circular economy** and we are at the forefront of promoting the culture of recycling in plastic food packaging.



[O] for Offer

When technology promotes the evolution

Our passports

All Ilip products comply to Regulations 1935/2004/EC and 10/2011/EC (and subsequent amendments thereto) governing the materials and articles that come into contact with food and European Directive 94/62/EC on packaging and packaging waste. Ilip products do not intentionally contain BPA, PVC or chlorinated derivatives and comply to Regulation 1895/2005/EC restricting the use of certain epoxy derivatives in materials and articles intended to come into contact with food. By adopting good manufacturing practices (GMP) and ensuring full compliance with HACCP standards, we were able to obtain the BRC Packaging certification, in accordance with Regulation 2023/2006/EC. On request we can supply 100% food-grade RPET packaging products conforming to Regulation 282/2008/EC.





of lifestyles

Ilip products encompass three business categories.

Fresh Produce Packaging is the range of punnets, trays and fruit nest trays for fruit and vegetable. These articles are designed to meet several needs simultaneously: make it possible to deliver packaged products over long distances while preserving their integrity and freshness, and enhancing the packaged product presentation, building brand recognition, while improving the convenience for the consumer. In this manner, we obtain three results in one: extending the shelf life, tackling food waste, therefore reducing environmental impact, and satisfying the consumer.

Food Service Packaging is the range of cups, plates, cutlery, bowls, deli-food containers and packaging solutions for the food service sector. Ilip offers as many as 11 different product lines, from entry level to premium and design products, from PET to compostable articles, from unbreakable to microwavable solutions.

All these products ensure maximum safety, value for money, convenience and ease of use for caterers, retailers and end consumers. The keywords are **safety**, practicality and design.

Fresh Food Packaging is the line of MAP heat-sealable trays for fresh and ultra-fresh products. The range of trays designed for Modified Atmosphere Packaging offers superior performance in terms of denesting, machinability and sealability, to meet any requirements, whether in an artisan workshop or in major industrial packaging centres. MAP trays ensure maximum **protection** and **freshness** of the packaged product, together with maximum **food safety**, preventing indirect food contamination risks. The consumer is forewarned...



for Numbers

A great European group.
A passion nourished for over half a century

Nowadays, our turnover exceeds 130 million Euros and is expected to go on increasing year after year thanks also to our staff of around 300 skilled people in our organization. Ilip products are exported to more than 58 different countries in the 5 continents. Production facilities occupy an overall area of 34,000 m², and, once the expansion works underway are completed, will increase to 131,000 m² with the integration of storage for finished products. With these resources, Ilip has a B2B customer portfolio of over 4,000 units, an assortment of over 3,000 items, and annual production volumes of over 6 billion pieces.

Numbers are key, but numbers alone cannot account for such a firmly established reputation of **reliability**, which extends well beyond our national borders, and embodies the **passion**, and the professional skills of all those who have worked and continue to work at Ilip.

As a great representative of the Emilia region, Enzo Ferrari, creator of an Italian legend such as the Ferrari car, once said: "The best car? The one that has yet to be built."

Our setup as a Group

The ILPA Group is comprised of three companies. Besides Ilip, the Group includes MP3 and AMP Recycling. MP3 specialises in the supply of semi-finished products (film in reels and cut sheets), made from traditional plastic and bioplastic (PLA) materials, in multilayer or laminated configurations.

The AMP Recycling plant located in Ferrara is where RPET is produced, relieving ILIP from the need to buy this material from external suppliers. The plant recycles 30,000 tons of post-consumption PET per year, to obtain recycled raw material and thereby avoid the production of equal amounts of virgin PET, which, in terms of CO² emissions, corresponds to about 75,000,000 kg of CO² eq.







Passion for packaging

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