



INNOVATIVE PACKAGING SOLUTIONS

PaperG

Liner films for paperboard trays



ITP manufactures co-extruded self-adhesive films designed to adhere, by thermal lamination, to paperboard or cellulose fiber supports

With a background of more than fifty years in polyethylene film extrusion for food and industrial packaging, we can meet any request related to the production of liner films for thermal lamination on paperboard or cellulose fiber trays, thanks to our advanced technology and the know-how on the production of self-adhesive films.

Wide and flexible offering. ITP provides a selection of liner films, with different features to suit different customer needs, with high, low or medium barrier. We are able to produce films with a high level of thermo-mechanical resistance and good adhesion on types of cellulose trays.



FLEXIBILITY



SUSTAINABILITY



VERTICALIZATION

Sustainability and safety. Flexible packaging, being lightweight and space-saving, is ideal for reducing plastic consumption and CO₂ emissions. ITP has always been committed to providing sustainable solutions, ensuring the highest level of performance for proper and healthy storage.

Verticalized production. ITP, leader in the flexible packaging industry since 50 years, develops innovative solutions to ensure the highest quality, from film extrusion, to printing, to lamination, with total process control.



ITP: 50 YEARS OF TRANSPARENT DEVELOPMENT

ITP - Industria Termoplastica Pavese - is a **family business** founded in 1972, operating in the **plastics industry**, producing **polyolefin films** for food and industrial packaging and surface protection.

STRUCTURE AND CAPACITY

- Production site: Bosnasco, Pavia
- Surface area: 100,000 m²
- Employees: 250
- Production capacity: > 40,000 tons/year
- Export: > 45%



INNOVATION AND INVESTMENTS

- New factory equipped with innovative technology for extrusion of bi-oriented barrier films
- Collaborations with universities and scientific institutions
- Focus on high-performance, sustainable, reduced-thickness packaging to extend food shelf life



CERTIFICATIONS

- Product: OK Compost, Cyclos HTP, Plastica Seconda Vita
- Process: BRC Mod. 10, ISCC Plus, ISO 9001, ISO 45001, ISO 14001
- ESG acknowledgments and ratings: ECOVADIS, PRS Green Label, Operation Clean Sweep



ETHICS & SUSTAINABILITY

- Organizational Model pursuant to Legislative Decree 231/2001
- Ethical Code introduced in 2018
- Sustainability Report since 2021
- Benefit Corporation in 2022
- First LCA studies in 2023



PRODUCT LINES

- Shrink films for beverage and tissue
- Industrial films for surface protection
- Coextruded flexible films for lamination and thermolamination for food applications (peelable, sealable, barrier, resealable, antifog, anti-UV)
- Films for frozen foods, compostable and peelable included
- Clearpack® vacuum skin film
- Bi-oriented hi-barrier coextrude films, ultra thin and light



RESEARCH & DEVELOPMENT

- 800 m² laboratory
- Team of technicians, chemists and engineers
- 14 patents filed
- Pilot line for testing new materials and formulations
- Ability to customize film performance through extrusion expertise



TRAINING

- Academy for onboarding of new employees
- Ongoing health and safety training programs
- Culture and Quality Plan for employee training on ITP values, strategies, sustainability, processes and products
- Female resource placement projects in production department



THE ADVANTAGES OF PAPERG FILMS

PaperG is the self-adhesive coextruded film developed by ITP through extensive research and development combining high technical performance with a design focused on sustainability and ease of use.

KEY FEATURES

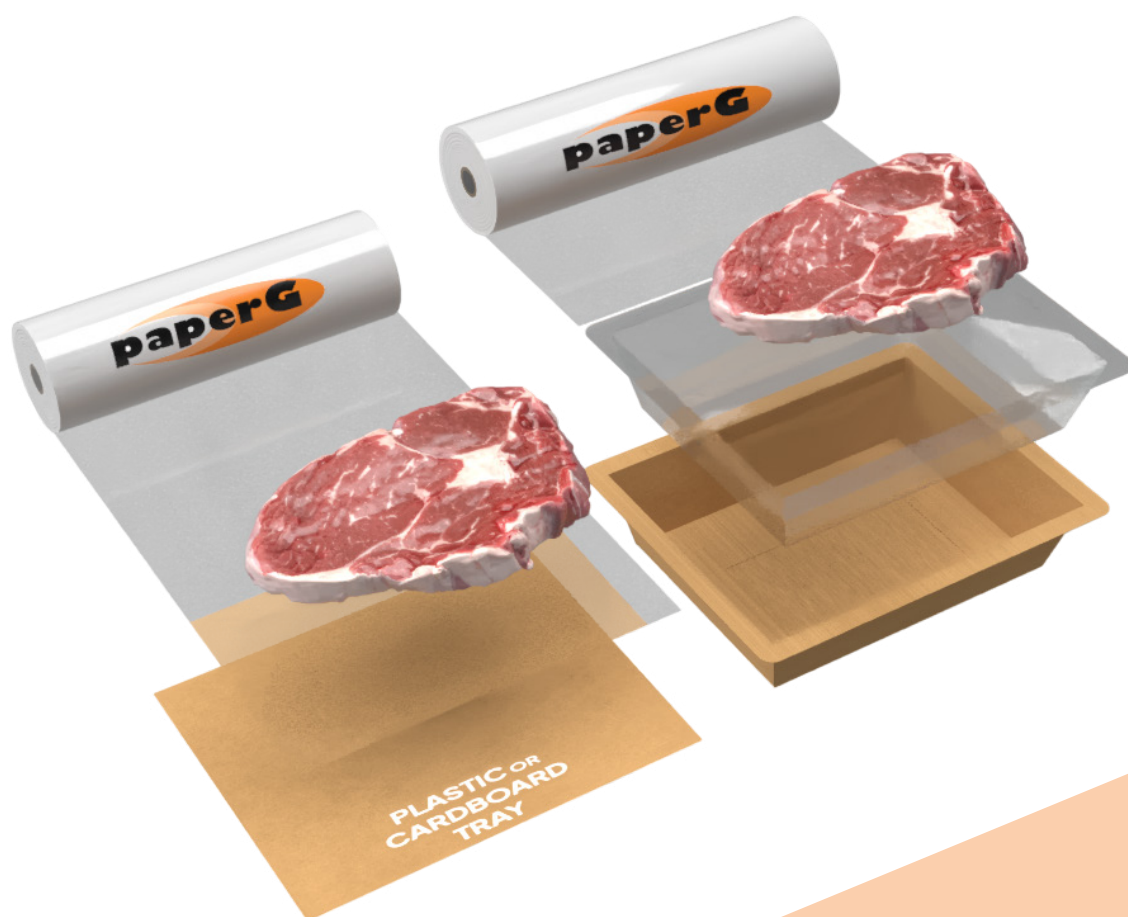
- **Customizable adhesion:** different adhesion levels depending on the tray material and the desired ease of cardboard separation, based on the packaging's end-of-life.
- **No adhesives:** the coextruded structure eliminates the need for glues.
- **Easily separable from cardboard:** designed to facilitate waste sorting and recycling.

FUNCTIONS AND BENEFITS

- **Versatile applications:** ideal for final packaging with skin or MAP sealing.
- **Microwave safe:** its structure allows direct heating of the packaged product.
- **Fully food-compatible:** suitable for packaging all types of food.

TECHNICAL PERFORMANCE

PaperG ensures excellent adhesion to cardboard, providing a secure and uniform seal. Its high adaptability allows it to conform to various tray shapes, including flat cardboard surfaces. The film offers outstanding mechanical resistance, effectively withstanding tearing, breaking, and puncturing. It also maintains its performance under heat, particularly on the peelable side. Additionally, PaperG enhances the functionality of the tray by adding barrier properties, peelability, and sealability.



LINER FOR VIRGIN CELLULOSE TRAY

- This is a PE/EVOH/PE high barrier co-extruded film produced by Industria Termoplastica Pavese S.p.A. and designed to adhere, by thermal lamination, to virgin cellulose trays.
- This material gives a perfect integrity of the package but on the other hand is removable from the cardboard after the usage allowing a perfect differentiated collection and recycling of PE separately from paper recycling.
- The film is manufactured with raw materials conforming to European Union standards regarding food contact materials. More detailed information is available on request.
- Film quality is ensured by the considerable experience gained by Industria Termoplastica Pavese S.p.A. in the production of special packaging materials. This quality is certified to ISO 9001 standard.
- Standard thicknesses available: 80µm, 100µm, 120µm, 150µm



PRODUCT CODE

BGXXCBL, BGXXCPH,
BGXXCPL3



MATERIALS

PE and copolymers/EVOH



LAMINATION TYPE

No lamination:
it is a coextruded monofilm



BARRIER

High/medium/low barrier to
gases available. High barrier to
water vapor available



DRAWING PERFORMANCE

Very good



HEATING CONDITIONS

Microwaveable. Not ovenable



MOSH/MOAH

Very high barrier to mineral oils
contained in cardboard



SEALING TO THE TOP LIDDING

Available in easy peel or lock
up version

LINER FOR CELLULOSE PULP TRAY

- This is a PE/EVOH/PE high barrier co-extruded film produced by Industria Termoplastica Pavese S.p.A. and designed to adhere, by thermal lamination, to cellulose pulp trays.
- This material gives a perfect integrity of the package but on the other hand is removable from the cardboard after the usage allowing a perfect differentiated collection and recycling of PE separately from paper recycling.
- The film is manufactured with raw materials conforming to European Union standards regarding food contact materials. More detailed information is available on request.
- Film quality is ensured by the considerable experience gained by Industria Termoplastica Pavese S.p.A. in the production of special packaging materials. This quality is certified to ISO 9001 standard.
- Standard thicknesses available: 80µm, 100µm, 120µm, 150µm



PRODUCT CODE

BGXXCBLB, BGXXCPHB,
BGXXCP3B



MATERIALS

PE and copolymers/EVOH



LAMINATION TYPE

No lamination:
it is a coextruded monofilm



BARRIER

High/medium/low barrier to
gases available. High barrier to
water vapor available



DRAWING PERFORMANCE

Very good



HEATING CONDITIONS

Microwaveable. Not ovenable



MOSH/MOAH

Very high barrier to mineral oils
contained in cardboard



SEALING TO THE TOP LIDDING

Available in esay peel or lock
up version

*“We are as green and fruitful like our hills.
We are as transparent and flexible like our films.”*



PRIZES & AWARDS

- Winners of WorldStar 2025 Award



**WORLDSTAR
WINNER 2025**

- Winners of Best Packaging 2024

VINCITORE
OSCAR DELL'IMBALLAGGIO™
BEST 2024
PACKAGING

- 2nd Ranked Best in Flexo 2023
Cat. wide bandwidth external printing

Best in Flexo®
2° CLASSIFICATO 2023

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