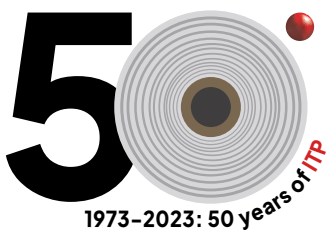




INNOVATIVE PACKAGING SOLUTIONS

Liner films for thermal-lamination



www.itp.it

ITP: 50 YEARS OF TRANSPARENT DEVELOPMENT

ITP - Industria Termoplastica Pavese Spa - 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 solutions designed to extend food shelf life



CERTIFICATIONS

- Product: OK Compost, Cyclos HTP, Second Life Plastic, Halal, ISCC Plus
- Process: BRC Mod. 10, 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 thermal-lamination for food applications (peelable, sealable, barrier, resealable, antifog, anti-UV)
- Films for frozen foods, compostable and peelable included
- ClearSkinPack[®] vacuum skin film
- Triflex line: bi-oriented high-barrier coextruded films, ultra thin and light
- Films for medical and pharma packaging



RESEARCH & DEVELOPMENT

- 800 m² laboratory
- Team of technicians, chemists and engineers
- 16 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
- Projects for the placement of female resources in the production department



ITP at a glance

PRODUCT LINES

FILMS FOR FOOD PACKAGING

skin films, bottom films for thermoforming shrink bags, films for frozen foods, top lid tray films, films for cereals and rice, films for pouches, films for lamination, liner films for thermal-lamination



FILMS FOR SECONDARY PACKAGING

shrink films for beverage and pallets, films for tissue primary and secondary packaging

FILMS FOR PHARMA & MEDICAL PACKAGING

liner films for blisters and suppository, films for cold form blisters, LDPE substrate as an alternative to PVC for blisters, liner films for stick and sachets, peelable films on Tyvek[®]



FILMS FOR INDUSTRIAL APPLICATIONS

masking films for surface protection, industrial skin films, films for labels and coating

DEPARTMENTS



extrusion lines (up to 7 layers)



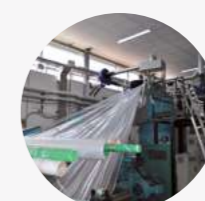
Triple Bubble[®] extrusion line



flexographic printing facilities (up to 10 colours)



rewinders and cleanroom



regeneration plants



R&D laboratory with extrusion pilot line

Liner films for rigid food packaging



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

ITP offers a comprehensive range of films for thermal-lamination, developed through advanced coextrusion technologies and decades of experience in food packaging. Designed for permanent thermal-lamination without the use of adhesives or solvents, these solutions ensure high performance, food safety, and sustainability, while supporting efficient container production.

The **Serie F®** line includes a wide selection of self-adhesive films suitable for lamination onto semi-rigid substrates such as PVC, PET, PP, PS, and EPS, mainly for food packaging containers. Available in barrier, non-barrier, and peelable versions, Serie F® films offer excellent mechanical properties and outstanding thermoformability, meeting consumer demands for product protection, convenience, and reliability.

For paper-based solutions, **PaperG®** is ITP's dedicated range of self-adhesive coextruded PE/EVOH films developed for the thermal-lamination of cardboard and cellulose trays. Produced without adhesives, PaperG® films ensure clean processing and full food-contact compliance, while providing high, medium, or low gas-barrier options, peelability, and seal integrity. Thanks to customizable adhesion levels, the film remains firmly bonded during use yet can be easily separated from paper after disposal, supporting recyclability and efficient waste sorting.

With excellent thermoformability, strong mechanical resistance and thermal stability, PaperG® is suitable for skin or MAP applications and for microwave-ready food packaging, enhancing tray functionality while reducing material use and environmental impact.

LINER FILMS FOR THERMAL LAMINATION

Together, Serie F® and PaperG® express ITP's commitment to delivering reliable and highly versatile thermal-lamination solutions, engineered to ensure strong adhesion without adhesives, excellent forming performance, and tailored barrier options. Designed for lamination on a wide range of substrates, they combine functional performance and process efficiency to meet the technical demands of modern food packaging.

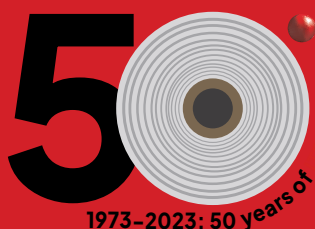
	paperG		serieF®
	LINER FOR VIRGIN CELLULOSE TRAY	LINER FOR CELLULOSE PULP TRAY	LINER FOR LAMINATION ON PVC, PET, PP, PS, EPS
 MATERIALS	PE and copolymers/EVOH	PE and copolymers/EVOH	PE and copolymers/EVOH PE and copolymers
 LAMINATION TYPE	Coextruded monofilm for thermal lamination (no adhesives needed)	Coextruded monofilm for thermal lamination (no adhesives needed)	Coextruded monofilm for thermal lamination (no adhesives needed)
 BARRIER	High/medium/low barrier to gases available. High barrier to water vapor available	High/medium/low barrier to gases available. High barrier to water vapor available	High and low barrier to gases available
 DRAWING PERFORMANCE	Very good	Very good	Very good
 HEATING CONDITIONS	Microwaveable. Not ovenable	Microwaveable. Not ovenable	Microwaveable. Not ovenable
 MOSH/MOAH	Very high barrier to mineral oils contained in cardboard	Very high barrier to mineral oils contained in cardboard	n.a.
 SEALING TO THE TOP LIDDING	Available in easy peel or lock up version	Available in easy peel or lock up version	Available in easy peel or lock up version
 RECLOSABILITY	Not available	Not available	Available
 HALAL CERTIFICATION	Yes	Yes	No



INNOVATIVE PACKAGING SOLUTIONS



INTEGRATED.
CERTIFIED.
FROM GRANULE
TO PRINTED FILM.



ITP – Industria Termoplastica Pavese Spa
Via Cavallante, 13
27040 Bosnasco (PV) – Italia
+39 0385 272711
itp@itp.it – www.itp.it

