

THE COMPANY

Irplast S.p.A. is the world's only manufacturer of simultaneous bi-oriented polypropylene film and one of the major European leaders in the production of:

- BOPP and S-BOPP film
- Shrinkable pre-glued roll-fed labels for the food, beverage, dairy, personal & home care
- “Open & Close” solutions suitable for the tissue and food sector
- Multi-packaging bundles
- Printed adhesive tapes, including theft-proof security tapes “Tamper-evident”

Irplast's business model – focused on the vertical integration of its production process, from the film extrusion to the printing process – optimizes both the processing time and accomplishment of application solutions. Compared to traditional converters, Irplast has a competitive advantage: thanks to the synergy between its two Development and Research Departments, it is able to offer customers the possibility to design a film with special features and test its performance in-house. The monitoring process of the extrusion and subsequently the printing phase enables Irplast to have top quality products as well as excellent production processes. Introducing innovation and fostering synergies and new operational procedures, optimizing both lead times and costs. The complete control over the procurement of the raw materials guarantees secure and continual supplies.

Irplast boasts of a long consolidated experience particularly in complex international projects and relies on a highly specialized team of technicians with an excellent know-how in design, implementation, and on-site assistance. The company has over 360 employees, distributed in 3 fully automated production sites in Italy: one in Empoli (Florence), with a production capacity of over 350 million smq, and two in Atessa (Chieti), with an overall production capacity of 44,000 tons of BOPP film/year.

Irplast's turnover in 2016 was of 94 million Euros. 50% of the turnover was achieved by the BOPP film division whereas the remaining 50% was made by the LABEL TECH business unit (roll-fed labels and multipack solutions) and PRINT TAPE (printed adhesive tape). 25% of its production is destined for the Italian market whilst the other 75% for the international market.



RESEARCH AND DEVELOPMENT

For Irplast, Research and Development means innovation, process industrialization, product quality and performance improvement focused on specific markets, with the underlying core principle of reducing the environmental impact of current and future packaging.

Extensive investing in research and development has contributed hugely to the strong position of Irplast today, through the development of specific state-of-the-art technologies and solutions for the food, beverage, personal care and tobacco sectors: printed adhesive tapes, bundle tapes, roll fed labels, shrinkable sleeves and high technology films, able to meet market needs and environmental sustainability criteria.

Irplast has put together an impressive and integrated R&D structure, spanning three in-house laboratories, equipped with all the sophisticated instruments, and manned by highly trained material science experts.

Amongst the tests and experiments the Company is equipped to perform are:

- Analysis of physicochemical, mechanical and optical properties of plastic films
- Analysis and characterization of inks and adhesives
- Co-engineering activities with the principal stakeholders
- New product design & prototyping
- Statistical monitoring of performance indicators (yield, waste, CpK etc.)
- Technical assistance at end-users plants to guarantee the correct performance of:
 - Film on packing machines
 - Adhesive tapes on carton sealing machines
 - Labels and bundle tapes on labelling machines
 - Sleeves on sleeving machines.

The synergies between the three laboratories bring the specific know-how in the varied production processes to the fore, and ensure the production process as a whole to be in compliance with quality and environmental management systems but also with food safety requirements and tobacco quality standards.

CERTIFICATIONS

Since its creation our Group has based its whole industrial strategy on the development of strong Management systems with the aim of ensuring that processes and activities are carried out on the principle of continual improvement, certifying the company knowledge and commitment to match the requirements of the marketplace, to satisfy customers in a safe and reliable manner, and to meet the challenges of technology and the safeguarding of the environment.

This policy led to the adoption of two management systems:

- UNI EN ISO 9001:2008 quality management system
- UNI EN ISO 14001:2004 environmental management system and to the achievement of some important certifications:
 - Deutsche Pfandsystem GmbH, necessary to print the DPG logo on labels destined for bottles being recycled in Germany
 - BRC-IOP, the global standard for hygiene and security in the production of packaging for contact with food, developed by the BRC (British Retail Consortium) in cooperation with the Italian Institute of Packaging
 - AIB American Institute of Baking, which organizes blind surprise audits to ensure that the film manufacturing is completely safe and secure from the risks of contamination of the food chain thanks to the very highest standards and best practice implemented worldwide
 - BEST Business Enabler Survey Tool, which establishes the standards that BAT (British American tobacco) expects from its suppliers of goods and services.



Sistema di qualità certificato
Certificato n. 420
norma UNI EN ISO 9001





LABEL TECH

Thanks to Irplast synergies and our vertically integrated business model, we produce special films for roll-fed wrap-around labels, tailored for all customer needs. The Label Tech Division exploits both rotogravure and flexographic printing technologies as well as the latest generation of cutting systems:

- Bobst Rotomec 4003 MP, up to 450m/min, 1300mm width, up to 10 colours of which 3 in reverse print. Total capacity 100mio sqm/year
- Rotomec RS4000 rotogravure up to 10 colours backup system
- No. 6 Flexographic printing machines, up to 8 colours (140mio sqm/year)
- No. 3 latest generation slitting machines, up to 1200mm width

Continuous and profitable collaboration with our customers enables Irplast to offer an excellent service based on innovation, respect for the environment, and quality.



ROLL-FED LABELS

For high-speed productions

Available in flexo and rotogravure printing technology

Excellent graphic quality	•
Excellent glossy effect	-
Available on matt film	•
Available with matt varnish	-
10 colours rotogravure printing technology	•
8 colours HD flexographic printing technology	•
Ideal for all labelling machines	•
High speed on all labelling machines	•
Custom-made C.O.F.	•
Wrap around application	-
S-BOPP film	-
Printable on transparent, white, metallized film	•
Available with pin codes	•
Reverse print in up to 3 colours	•
DPG certification	•
Hot melt unit removal (pre-glued film)	-
Irplast in-house made film	-
Shrinkable	-
Groups together multiple products	-
Easy opening with micro-perforation	-
Tamper evident function	-
Eco-friendly	•
Designed in partnership with machine manufacturers	•
Thickness (µm)	-

EXCELLENT
GRAPHIC QUALITY



HIGH SPEED ON
ALL LABELLING
MACHINES



DESIGNED IN
PARTNERSHIP
WITH MACHINES
MANUFACTURERS



MICRON 19™

Transparent BOPP “made in Irplast”

Environmentally friendly



Excellent graphic quality	•
Excellent glossy effect	•
Available on matt film	-
Available with matt varnish	-
10 colours rotogravure printing technology	•
8 colours HD flexographic printing technology	•
Ideal for all labelling machines	-
High speed on all labelling machines	•
Custom-made C.O.F.	•
Wrap around application	-
S-BOPP film	•
Printable on transparent, white, metallized film	-
Available with pin codes	•
Reverse print in up to 3 colours	•
DPG certification	•
Hot melt unit removal (pre-glued film)	-
Irplast in-house made film	•
Shrinkable	-
Groups together multiple products	-
Easy opening with micro-perforation	-
Tamper evident function	-
Eco-friendly	•
Designed in partnership with machine manufacturers	•
Thickness (µm)	19

EXCELLENT
GRAPHIC QUALITY



ECO-FRIENDLY



DESIGNED IN
PARTNERSHIP
WITH MACHINES
MANUFACTURERS





LABEL TAPE SHRINK

MD shrinkable BOPP pre-glued film

It suits for cans and shaped containers

Excellent graphic quality	•
Excellent glossy effect	•
Available on matt film	-
Available with matt varnish	-
10 colours rotogravure printing technology	•
8 colours HD flexographic printing technology	•
Ideal for all labelling machines	-
High speed on all labelling machines	•
Custom-made C.O.F.	-
Wrap around application	•
S-BOPP film	•
Printable on transparent, white, metallized film	-
Available with pin codes	•
Reverse print in up to 3 colours	•
DPG certification	•
Hot melt unit removal (pre-glued film)	•
Irplast in-house made film	•
Shrinkable	•
Groups together multiple products	-
Easy opening with micro-perforation	-
Tamper evident function	-
Eco-friendly	•
Designed in partnership with machines manufacturers	•
Thickness (µm)	30, 40, 50

EXCELLENT
GRAPHIC QUALITY



HOT MELT
UNIT REMOVAL



DESIGNED IN
PARTNERSHIP
WITH MACHINES
MANUFACTURERS



MULTIPACK

Sales raising effective
Easily removable, eco-friendly

Excellent graphic quality	•
Excellent glossy effect	•
Available on matt film	•
Available with matt varnish	-
10 colours rotogravure printing technology	•
8 colours HD flexographic printing technology	•
Ideal for all labelling machines	-
High speed on all labelling machines	-
Custom-made C.O.F.	-
Wrap around application	-
S-BOPP film	-
Printable on transparent, white, metallized film	-
Available with pin codes	•
Reverse print in up to 3 colours	•
DPG certification	-
Hot melt unit removal (pre-glued film)	-
Irplast in-house made film	•
Shrinkable	-
Groups together multiple products	•
Easy opening with micro-perforation	•
Tamper evident function	-
Eco-friendly	•
Designed in partnership with machines manufacturers	•
Thickness (µm)	40, 50

EXCELLENT
GRAPHIC QUALITY



ECO-FRIENDLY



DESIGNED IN
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WITH MACHINES
MANUFACTURERS





SHRINK SLEEVES

Top-to-bottom decoration

Light barrier film

Excellent graphic quality	•
Excellent glossy effect	•
Available on matt film	-
Available with matt varnish	•
10 colours rotogravure printing technology	•
8 colours HD flexographic printing technology	•
Ideal for all labelling machines	•
High speed on all labelling machines	•
Custom-made C.O.F.	-
Wrap around application	-
S-BOPP film	-
Printable on transparent, white, metallized film	-
Available with pin codes	•
Reverse print in up to 3 colours	•
DPG certification	-
HOT melt unit removal (pre-glued film)	-
Irplast in-house made film	-
Shrinkable	•
Groups together multiple products	•
Easy opening with micro-perforation	•
Tamper evident function	•
Eco-friendly	-
Designed in partnership with machines manufacturers	•
Thickness (µm)	40, 45, 50

EXCELLENT
GRAPHIC QUALITY



TAMPER EVIDENT
FUNCTION



DESIGNED IN
PARTNERSHIP
WITH MACHINES
MANUFACTURERS





PRE-GLUED LABELS

Pre-glued

Ideal for high speed application

Excellent graphic quality	•
Excellent glossy effect	-
Available on matt film	•
Available with matt varnish	-
10 colours rotogravure printing technology	•
8 colours HD flexographic printing technology	•
Ideal for all labelling machines	-
High speed on all labelling machines	•
Custom-made C.O.F.	-
Wrap around application	•
S-BOPP film	-
Printable on transparent, white, metallized film	•
Available with pin codes	•
Reverse print in up to 3 colours	•
DPG certification	•
Hot melt unit removal (pre-glued film)	•
Irplast in-house made film	•
Shrinkable	-
Groups together multiple products	-
Easy opening with micro-perforation	-
Tamper evident function	-
Eco-friendly	•
Designed in partnership with machines manufacturers	•
Thickness (µm)	30, 38, 40, 50

EXCELLENT
GRAPHIC QUALITY



HOT MELT
UNIT REMOVAL



DESIGNED IN
PARTNERSHIP
WITH MACHINES
MANUFACTURERS







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