



Tobacco
Biaxially Oriented
Polypropylene
Films

use our imagination...

Focused on Films

Innovia Films has been supplying overwrap films to the tobacco industry for over 45 years.

Innovia Films is the leading global supplier of Biaxially Oriented Polypropylene (BOPP) film into the tobacco market.

We use a unique 'bubble' manufacturing process which produces films with balanced orientation and properties.

Only the 'bubble' process provides:

- Superior clarity
- Exceptional gloss
- Outstanding mechanical and balanced shrink properties
- High stiffness and low elongation in the machine direction (MD) for advantages during conversion



Right:
The 'Bubble' Process

Innovia BOPP films for Tobacco Overwrap

Special Features	Benefits
Controlled and balanced shrinkage in both MD and TD directions	Tight wrap without puckering
Premium clarity and gloss qualities	Optimum visual appeal of pack graphics
Differential slip on each side of the film	Enhanced processing while giving a tight wrap
Strong sealing at high speeds plus unique tight wrapping results in a second skin effect	Extended shelf life of the pack
Excellent MD tensile strength and low extensibility	High speed processing without snapping or elongation
Low MD elongation	Printability with excellent register control
Moisture and chemical resistance	Retention of tobacco and pack product quality
Thin films capability	Less packaging waste, potential lower cost
Strong tearing seal	Tamper evidence
High moisture and flavour barrier	Extended shelf life

Tobacco Film Range

Innovia Films was the first to introduce BOPP shrink film into the tobacco industry.

Even today its shrink films set the bench mark for overwrap pack wrap quality.

We continue to evolve our comprehensive range of films for the tobacco industry:



Shrink Films - GLT18/20/25, GLS20/25, XLT16, SLT20

Controlled and balanced shrinkage, superior optical clarity and gloss for optimum pack appearance. Excellent moisture and flavour barrier properties.

Non Shrink Film - MLT20

High speed packing ability. Excellent moisture and flavour barrier.

Printable Films - GLP20/25 (shrink), MTP20 (non shrink)

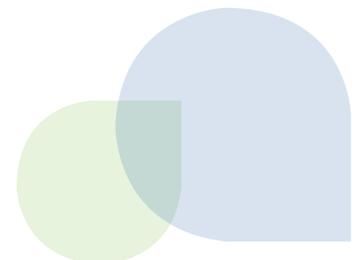
Special overwrap films for printing while retaining all the key overwrap properties.

Clear Collation Films Coated - RC20/25/30 Shrink Coated - SRC24 Uncoated - NC23/25 Shrink Uncoated - SNC23/25

Ideal for use in clear collation overwrap. Incompatible with co-extruded OPP films. Superior barrier to water vapour, flavours and aromas. Wide sealing range.

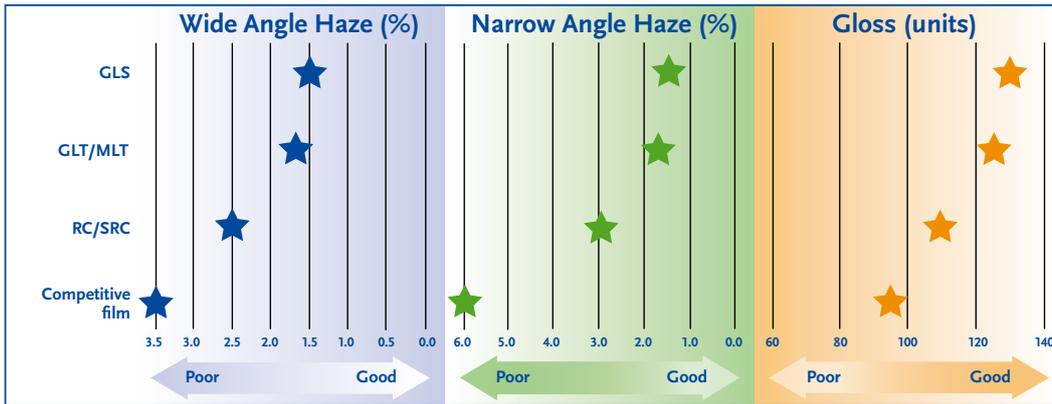
Easy Opening : Snap Wrap - SRCZ01/24, SNCZ01/25, RCZ01/25

The Z01 series is a range of scored clear collation overwrap films for easy removal of individual packs.



Unit Pack - Brand Image

OPTICAL STANDARDS

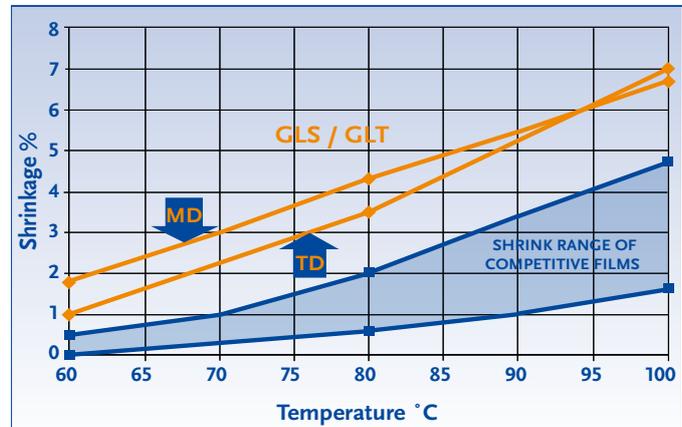


Excellent optics is essential to reinforce strong brand image. Innovia Films' shrink films lead the market for high gloss, clarity and pack appeal.

THERMAL SHRINKAGE

In order to obtain a tight wrapped pack on the shelf, the film needs to have both controlled and balanced shrinkage as well as good low temperature shrinkage. These are inherent characteristics of the Innovia Films' bubble process.

The initial shrinkage provides a tight wrap. The residual shrink in the film allows it to tighten on the pack after wrapping when a range of climate and storage conditions can be experienced.



PRINTABLE FILMS

Grade	Type	Gravure printing	Flexographic printing	Readily printable	Compatible NC/PU & PVB ink systems
GLP	Shrink	■	■	■	■
MTP	Standard	■	■	■	■
RC,SRC	Coated	■	■	■	■

Clear Collation

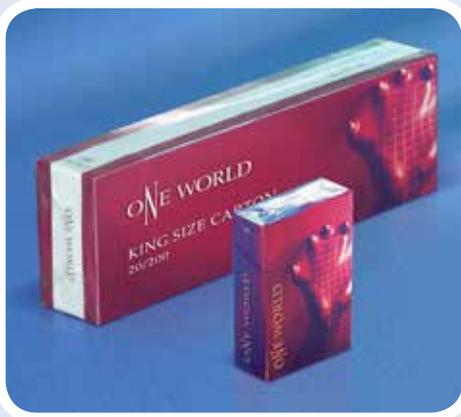
COLLATION FILMS

Grade	Coated	Shrink	Uncoated	Easy Opening	
				Snap Wrap Z01 Series	Peelable
RC20, 25, 30	■			■	
SRC24	■	■		■	
NC23/25			■		■
SNC23/25		■	■	■	■

The use of clear collation has increased in recent years due to its ability to reduce costs and the complexities of multiple health warnings. Innovia Films has led the way by developing a family of films to meet the requirements of this application.

Application Checklist

UNIT WRAP AND CARTON OVERWRAP



High Shrink Tightening Films

GLT18/20/25
GLS20/25
XLT16

High levels of controlled and balanced shrinkage for optimum wrap tightness. Superior optical clarity and gloss. Excellent moisture/flavour barrier and machine performance.

Medium Shrink Film

SLT20

GLT has enhanced machine performance and meets global vending blocking needs. XLT16 reduces packaging waste.

Intermediate shrink performance. Superior optical clarity and gloss.

Non Shrink Film

MLT20

High speed films. Suitable for soft and hard packs. Non shrink. Meets global vending blocking requirements.

CLEAR COLLATION



Acrylic Coated

RC20/25/30

Incompatible with co-extruded OPP films used on unit wrap. Superior barrier to water, flavours and aromas. Excellent optical appearance. Wide seal range. Printable both sides.

Shrink Acrylic Coated

SRC24

Balanced and controlled shrink to provide tight wrap. Other properties similar to RC. Printable both sides.

Uncoated

NC23/25

Co-extruded film with wide seal coats. Lower cost.

Shrink Uncoated

SNC23/25

Shrink co-extruded film with wide seal coats. Lower cost.

Snap Wrap

SRCZ01/24
SNCZ01/25
RCZ01/25

Perforated film. Easy removal of packs. Two packs can be snapped off at once. Eliminates need for tear tape.

INNER LINER LAMINATION FILMS



Uncoated

RLC20/25/38

Heat-sealable on both sides, one side with low heat-seal threshold. One side treated for printing and laminating.

Acrylic Coated

RC20/25/40

Low sealing threshold and broad sealing range. Suitable for printing and laminating on both sides.

FFC25

Exceptional wide seal range on one side and excellent printability on acrylic side.

PRINTABLE



Shrink

GLP20/25

Printable version of shrink film GLT.

Non Shrink

MTP20

Printable, non shrink film.

Acrylic Coated

RC20/25/30

Incompatible with co-extruded OPP films used on unit wrap. Printable both sides.

Shrink Acrylic Coated

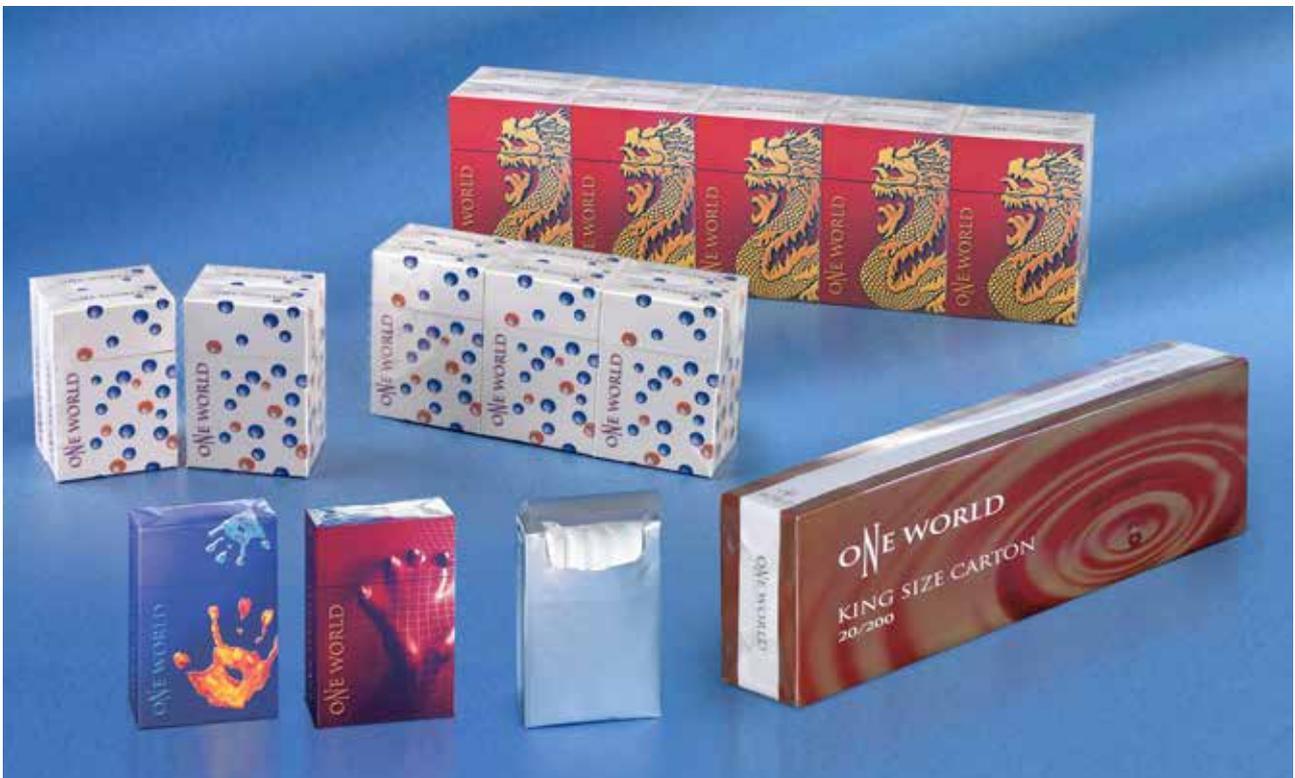
SRC24

Balanced and controlled shrink to provide tight wrap. Other properties similar to RC. Printable both sides.

Innovation

Innovia Films R&D building was built to support its belief in new product development and to provide solutions for its customers.

It brings together a wide range of R&D disciplines and has extensive facilities covering material, chemical and physical sciences.



To meet the challenges from the tobacco industry, Innovia Films is focussing its research and development on four main areas:

- Cost reduction
- Brand enhancement
- Product assurance
- Renewability

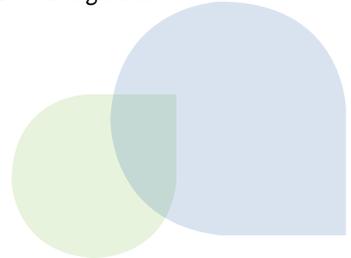


How to find out more about our films

Global Support

Innovia Films recognises that the tobacco market is one of the most technically and logistically demanding in the packaging industry. We aim to continue to provide the quality, service and products required by the industry through:

- a strong global and local tobacco sales, customer service and technical service support team
- a cross functional tobacco team - sales, marketing, technical support, production, R&D and logistics
- continuous improvement culture to provide the highest levels of product quality
- a logistics team with expertise to supply to all parts of the globe
- close relationships and strategic alignments with its customers
- innovative new product solutions for all components of the pack



Global Reach



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