

POLFILM
ATLASFILM
PIRAN POLYMER
BOPP, CPP FILMS
PETCO BENIS
BOPET FILMS
PERSIACHASB
PU LAMINATION ADHESIVE

The Art Of Packaging



www.polfilm.net

ABOUT Us

POLFILM is the first and largest film producer in Iran and has been producing BOPP film since 1993, having consistently focused on producing a diverse range of high-quality products to provide effective solutions.

In 2011, **ATLASFILM** joined this group, leading the two production companies to become the largest producers of BOPP films in Iran.

Following that, in 2016, the industrial group launched an advanced polyester production line under **PETCO** to manufacture BOPET films with thicknesses ranging from 8 to 125 microns to meet market demands.

To offer comprehensive solutions to customers in the flexible packaging industry, from 2021 to 2023, the group established the following companies:

- **PERSIA CHASB** (FPC) – aimed at producing high-quality laminating adhesives
- A new CPP film production line under **POLFILM**, manufacturing films with thicknesses from 15 to 300 microns.

Continuing its development plans, in 2024, **PIRAN POLYMER** joined the group as a BOPP film producer with a high-speed production line, significantly increasing BOPP film production to meet the demands of both domestic and export customers.

With the addition of a fourth BOPP film production line, the group's BOPP production capacity has reached 106,000 tons annually, with BOPP films produced in thicknesses ranging from 12 to 90 microns for various applications.

Additionally, the facilities are equipped with six advanced metallizing machines with an annual capacity of 51,000 tons to produce a variety of metallized films.



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B O P P F I L M S

Flexible Packaging - Transparent & Matt

Product Name	Heat Sealability	Surface Treatment	Nominal Thickness	More Information
POLEX 221S	Two Sides	One side	15, 20, 25, 30, 40	Heat seal packaging with SIT 120 C
POLEX 321S	One Side	One side	20, 25, 30	Heat seal packaging without missing dot problem in printing
POLEX 221D	Two Sides	One side	20, 25, 30	Heat seal packaging with SIT 105 C
POLEX 321BG	One Side	One Side	25, 30	Specially designed for spaghetti packaging with low COF properties
POLEX 220AG	Two Sides	None-Treated	20, 25	High speed over wrapping with anti-static properties
POLIN 121CP	None-Sealable	One Side	15, 20, 40	Cold seal packaging without missing dot problem in printing
POLIN 321CP	One Side	One Side	15, 20	Cold seal packaging
POLEXMATT 351S	One Side	One Side	20	Matt heat seal packaging without missing dot problem in printing
POLEXMATT 251S	Two Sides	One Side	20	Matt heat seal packaging

Flexible Packaging - Pearalized

Product Name	Heat Sealability	Surface Treatment	Nominal Thickness	More Information
POLER 241S	Two Sides	One Side	25, 30, 35	Heat sealable applications with SIT 120 C
POLER 241D	Two Sides	One Side	20, 25, 30	Heat sealable applications with SIT 105 C
POLER 241D2	Two Sides	One Side	30, 35, 40	Heat sealable applications with SIT 95 C
POLER 142S	None-Sealable	Two Sides	30, 35, 50	Cold seal applications
POLER 342S	One Side	Two Sides	25, 30, 35	Cold seal applications better cold seal adhesion.

Flexible Packaging - Metalized

Product Name	Heat Sealability	Surface Treatment	Nominal Thickness	More Information
POLET 381S	One Side	One Side	15, 20, 30, 40	Heat seal packaging with SIT 120 C
POLET 381D	One Side	One Side	18, 20	Heat sealable applications with SIT 105 C
POLER 241D2	Two Sides	One Side	15, 20	Cold seal packaging

Self-Adhesive Label (SAL)

Product Name	Appearance	Surface Treatment	Nominal Thickness	Density	More Information
POLCOAT 442SAV	White voided	Glossy side primer coated, other side corona treated	60, 70	0.76	White high stiff, suitable for UV ink adhesion
POLCOAT 442SQV	White voided	Glossy side corona treated, matt side primer coated	60, 70	0.76	White high stiff, suitable for UV ink adhesion
POLCOAT 442SAL	White voided	Glossy side primer coated, other side corona treated	60, 70	0.55	White high yield, suitable for UV ink adhesion
POLCOAT 642SAV	White voided	Both sides primer coated	60, 70	0.76	White high stiff, suitable for UV ink adhesion better adhesive adhesion
POLCOAT 422SAL	Transparent	One side primer coated, other side corona treated	50, 60	0.91	Transparent, No-Label-Look for UV ink adhesion
POLCOAT 482SAL	Metalized	Metalized side corona treated, other side primer coated	50, 60	0.91	Shiny metallic appearance, suitable for UV ink
POLCOAT 432SAV	Superior white	Glossy side primer coated, other side corona treated	57	0.95	superior white high stiff, for UV ink adhesion
POLCOAT 432SAL	Smooth white	Glossy side primer coated, other side corona treated	57	0.87	Smooth white high stiff, suitable for UV ink adhesion

B O P P F I L M S

In-mould label (IML)

Product Name	Appearance	Surface Treatment	Nominal Thickness	Density	More Information
POLABLE 142LIQ	White voided	Both sides corona treated, glossy side printable	50, 60, 65, 70	0.55	Very high yield, orange peel effect after injection
POLABLE 142LIT	White voided	Both sides treated, both sides matt	50, 60, 70	0.55	Very high yield, orange peel effect, high speed converting capability
POLABLE 142LIV	White voided	Both sides treated, both sides matt	60, 70	0.76	High stiff, satin finish effect after injection
POLABLE 142E	White voided	Both sides corona treated, glossy side printable	90	0.7	Stiff for big container, satin finish effect after injection
POLABLE 122LIQ	Transparent	Both sides corona treated, glossy side printable	57, 60	0.9	No-Lable-Look effect in transparent PP containers
POLABLE 152LIQ	Matt	Both sides treated, both sides printable	57	0.86	Transparent or matt appearance after injection, higher converting capability
POLABLE 132LIQ	Glossy white	Both sides corona treated, glossy side printable	57	0.87	High stiff BOPP film, glossy white effect after injection
POLABLE 132LIT	Matt white	Both sides corona treated, one side printable	57	0.87	High stiff, matt white effect after injection
POLABLE 132LIV	Superior white	Both sides corona treated, Glossy sides printable	57	0.95	High stiff, superior white effect after injection
POLABLE 142TML	White voided	Both sides corona treated, Glossy sides printable	50, 60, 70	0.55	Very high yield, in- mold labeling in " thermoforming process".
POLABLE 142EB	White voided	Both sides treated, one side matt and one side printable	105	0.73	High stiff, in- mold labeling in " blow-molding process".

Wrap Around Label (WAL)

Product Name	Appearance	Surface Treatment	Nominal Thickness	More information
POLABLE 141LRH	White voided	One side corona treated	35, 38, 55	Single ply roll-fed wrap around bottle labels
POLABLE 121LPH	Transparent	One side corona treated	30, 40	Single ply roll-fed wrap around bottle labels
POLABLE 141WA8	One side white-voided other side metallic	Metalized side corona treated	38	Single ply roll-fed wrap around bottle labels

Paper & Cardboard Lamination

Product Name	Surface Treatment	Nominal Thickness	More information
POLIN 122H	Two Sides	12, 15	Glossy lamination film for carton and paper
POLIN 122TL	Two Sides	12, 15	Glossy, specially designed for EVA extrusion coating process in order to producing thermal lamination film
POLIN 152S	Two Sides	12, 15, 20	Matt lamination film for carton and paper
POLIN 152TL	Two Sides	12, 15, 20	Matt, specially designed for EVA extrusion coating process in order to producing thermal lamination film
Poletcold 182S	Two Sides	15, 20	Metalized lamination film for carton and paper
Poler 382S	Two Sides	20, 25	White-Metalized lamination film for carton and paper

Tape

Product Name	Surface Treatment	Nominal Thickness	More information
POLSIVE 321X	One Side	20, 22, 24, 28, 30	Transparent BOPP film for adhesive tapes (Acrylic adhesive and Hot melt)

C P P F I L M S

Flexible Packaging

Product Name	Heat Sealability	Surface Treatment	Nominal Thickness	More information
CPOL 221S	Two Sides	One Side	20, 25, 30, 40	Transparent film for bakery, pasta and powder packaging
CPOL 321S	One Side	One Side	20, 25, 30, 40, 60	Transparent film for bakery, pasta and powder packaging
CMET 381S	One Side	One Side	20, 25, 30	Metalized film with high metal adhesion for bakery, pasta and powder packaging
CWIT 331S	One Side	One Side	25	White opaque film suitable for single ply pouch bags and jumbo pack

B O P E T F I L M S

Printing & Lamination - Transparent & Matt

Product Name	Surface Treatment	Nominal Thickness	More Information
PETPAK 121S	One Side Corona Treated	8, 10, 12, 18, 23, 36, 50, 75, 100	Transparent film for printing, metallizing, lamination and coating Also, applicable in cable, FRP and GRP pipes
PETPAK 223S	One Side Chemical Coated	8, 10, 12, 18, 23, 36	Transparent film, Specially designed for hot filling, sterilization and pasteurization
PETPAK 322S	One Side Corona Treated, Other Side Chemical Coated	8, 10, 12, 18, 23, 36	Transparent film, Specially designed for hot filling, sterilization and pasteurization
PETPAK 253S	One Side Chemical Coated, Other Side Matt	12	Matt film for printing, metallizing, lamination and coating

Printing & Lamination - White

Product Name	Surface Treatment	Nominal Thickness	More Information
PETPAK 131S	One Side Corona Treated	12	White film for printing, metallizing, lamination and coating
PETPAK 332S	One Side Corona Treated Other Side Chemical Coated	12, 50	White film for printing, metallizing, lamination Excellent adhesion to wide range of inks and adhesives

Printing & Lamination - Metalized

Product Name	Surface Treatment	Nominal Thickness	More Information
PETMET 180S/181S	One Side Metalized Other Side Plain/Corona Treated	8, 10, 12, 18, 23, 36	Metalized film for flexible packaging, cardboard lamination. Also, applicable in wool insulation
PETMET 181S	One Side Metalized (metalized on chemical) Other Side Corona	8, 10, 12, 18, 23, 36	High barrier metalized film for flexible packaging, cardboard lamination. Specially designed for hot filling, sterilization and pasteurization
PETMET 383S	One side metalized (metalized on chemical) Other side corona	8, 10, 12, 18, 23, 36	White film for printing, metallizing, lamination and coating
PETMET 383S	One side metalized (metalized on corona) Other side chemical coated	8, 10, 12, 18, 23, 36	High barrier metalized film Special chemical coated side provide excellent adhesion to wide range of inks and adhesives
PETMET 130M	One Side Metalized Other Side Plain	12	White opaque metalized BOPET film for lamination, specially designed for cardboard lamination
PETMET 131HB	One Side Metalized (Metalized on Chemical) Other Side Corona Treat	12	White opaque metalized BOPET film for lamination, specially designed for cardboard lamination
PETMET 333S	One Side Metalized (Metalized on Corona) Other Side Chemical Coated	12	White opaque metalized BOPET film for lamination, Specially designed for wet wipe packaging
PETMET 150HB	One Side Metalized Other Side Matt	12	Matt-metalized BOPET film for lamination Specially designed for wet wipe packaging

Twist- Transparent, White, Metalized

Product Name	Surface Treatment	Nominal Thickness	More Information
PETWIST 121S	One Side Corona Treated	18, 23	Transparent foldable film for twist wrap packaging of confectionary products like candies, chocolates, & etc.
PETWIST 422S	One Side Corona Treated Other Side Anti-Static Coated	18, 23	Transparent foldable film with good anti-static properties for twist wrap packaging like candies, chocolates, & etc.
PETWIST 432S	One Side Corona Treated Other Side Anti-Static Coated	18, 23	White foldable film with good anti-static properties for twist wrap packaging of confectionary products like candies, chocolates, & etc.
PETWIST 432Y	One Side Corona Treated Other Side Anti-Static Coated	18, 23	White foldable film with good anti-static properties for twist wrap packaging of confectionary products like candies, chocolates, & etc.
PETWIST 180S/181S	One Side Metalized Other Side Plain/Corona Treated	18, 23	Metalized foldable film for twist wrap packaging of confectionary products like candies, chocolates, & etc.

Lid - Transparent, White, Metalized

Product Name	Surface Treatment	Nominal Thickness	More Information
PETLID 322S	One Side Corona Treated Other Side Chemical Coated	12, 23, 36	Transparent isotropic BOPET film for lidding application
PETLID 332S	One Side Corona Treated Other Side Chemical Coated	12, 23, 36	White opaque isotropic BOPET film for lidding application
PETLID 181HB	One Side Metalized (Metalized on Chemical) Other Side Corona	12, 23, 36	Metalized isotropic BOPET film for lidding application

AIOX

Product Name	Surface Treatment	Nominal Thickness	More Information
PETLOX 120S	One Side AIOx (AIOx on Corona) Other Side Plain	10, 12, 23	High barrier transparent film solution for barrier packaging including meat, dry fruits, frozen foods, nuts, microwavable foods, etc.
PETLOX 121HB	One Side AIOx (AIOx on Chemical) Other Side Corona	10, 12, 23	High barrier transparent film solution for barrier packaging Specifically designed for hot filling, sterilization, pasteurization and retort application

B O P E T F I L M S

Hot stamp			
Product Name	Surface Treatment	Nominal Thickness	More Information
PETSTAM 120R	Plain	12, 18, 23	Transparent BOPET film as carrier in transfer printing and hot stamping application Also applicable as release liner in the manufacture of fiber reinforced parts (GRP, GFRP)
PETSTAM 150R	Plain	18	Matt BOPET film as carrier in transfer printing and hot stamping application with matt effect finish
Yarn- Transparent			
Product Name	Surface Treatment	Nominal Thickness	More Information
PETYARN 121S	One Side Corona Treated	12, 23	Transparent film for textile applications; including metallic yarn, scrubber and glitter
PETYARN 180S	One Side Metalized Other Side Plain	12, 23	Metalized film for textile applications; including metallic yarn, scrubber and glitter
Release Films- Transparent			
Product Name	Surface Treatment	Nominal Thickness	More Information
PETPAK 120S	Plain	18, 23, 36, 75	Transparent film as release liner and separator layer in production of belt, cable, FRP & GRP pipes
PETPAK 121S	One Side Corona Treated	36	Transparent film for siliconized BOPET release liner production to be used in Self-Adhesive-Label
Cable Insulation- Transparent			
Product Name	Surface Treatment	Nominal Thickness	More Information
PETPAK 121S	One Side Corona Treated	23, 36, 50, 75	Transparent film for electrical insulation application like cable wrapping, electrical insulations in transformers and electrical motors

LAMINATION ADHESIVE

Product	Performance	Mix Ratio	Application Temperature	Initial Viscosity	Pot Life	Lamination Speed	Slit Time	Room Temperature Curing
lamtec SL 311A/210B	GP-MP	100-65	≈ 30 C	Low	30 min	■ ■	12-24 h	■ ■
lamtec SL 110A/210B	MP-HP	100-75	30-40 C	Low	40 min	■ ■ ■	8-24 h	■ ■ ■
lamtec SL 130A/210B	MP-HP	100-70	30-40 C	Normal	40 min	■ ■ ■	8-24 h	■ ■ ■