

(A business of Cosmo First Limited)



# **BOPET FILMS**

At Cosmo Films, we are constantly innovating to provide you with better Solutions. Our BOPET films are engineered for not only highly efficient Converting operations, but also enhancing the shelf life of the product.

## **BOPET Films**

S. No.	Product Code	Microns	Product Description	Applications
			BARRIER FILMS	
1.	PAF (LT)	8, 10, 12, 15, 19, 23, 36, 50	Transparent film, one side Low CT. Good transparency.	Flexible packaging applications.
2.	PAF (MT)	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side Medium CT. Good transparency.	Flexible packaging applications.
3.	PAF (HT)	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side High CT. Good transparency.	High end flexible packaging.
		CHEMIC	AL COATED - TRANSPARENT	
4.	CPF (UT)	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side Copet coated & other side UT. Excellent bond adhesion with Inks & adhesives.	Acid, Alkali packaging.
5.	CPF (MT)	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side Copet coated & other side Medium CT . Excellent bond adhesion with Inks & adhesives.	
6.	MAF (UT)	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side special chemical coated & other side UT.	Printing, lamination & metallization.  Hot fill, Pasteurization, Sterilization & Retort application.
7.	MAF (MT)	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side special chemical coated & other side Medium CT.	
		UV OFFSET PR	RINTABLE FOR BOARD LAMINATION	
8.	BLF (UT)	8, 10, 12, 15, 19	Transparent film, one side special primer coated & other side UT. Special primer coated side suitable for UV offset sheet printing.	Designed for UV offset printing for board lamination. Suitable for high speed UV offset printing machines.
9.	BLF (MT)	8, 10, 12, 15, 19	Transparent film is one side special primer coated & other side Medium CT . Special primer coating side suitable for UV offset sheet printing.	
10.	BLF (MO)	8, 10, 12	Metallization on corona treated surface. Suitable for UV offset ink printing on coated surface side.	Specially designed for UV offset printing on chemically coated side. Film is majorly use in box/board lamination.
		PEELABLE SEALABLE	LIDDING FILM WITH ANTIFOG PROI	PERTY
11.	PSF (AF)	20, 25	Lidding film with Antifog property. Excellent dimensional stability. Excellent Peelable Sealing Property.	Suitable for lidding application with APET, CPET & PVC. Other side suitable for surface printing.
		CLEAR FILM I	FOR LAMINATION - TRANSPARENT	
12.	CTF (UT)	12, 15, 23	Ultra clear transparent, both sides UT. Good thermal & dimensional stability. Excellent Clarity and transparency. ""If required one side can be chemical coated."	Suitable for converting & graphic lamination applications.
13.	CTF (UT)	12, 15, 23	Ultra clear transparent, one side Low CT. Good thermal & dimensional stability. Excellent Clarity and transparency. ""If required one side can be chemical coated."	
		ISOTROPIC FI	ILM FOR LIDDING - TRANSPARENT	
14.	ITF (UT)	12, 19, 23, 36,50	Transparent film, both sides UT. Balanced mechanical properties in all directions. * "If required one side can be chemical coated."	Suitable for speciality converting applications including thermal lamination.
15.	ITF (MT)	12, 19, 23, 36,50	Transparent film, one side CT. Balanced mechanical properties in all directions. * "If required one side can be chemical coated."	Designed for lidding applications.
		ТНІС	CK FILM - TRANSPARENT	
16.	LHF (UT)	50, 75, 90, 100, 103, 114,125	Low haze film, both sides UT.	Sequins and Glitter application.
17.	LHF (MT)	50, 75, 90, 100, 103, 114,125	Low haze film, one sides CT.	Good adhesion for inks and lacquers.

## **BOPET Films**

S. No.	Product Code	Microns	Product Description	Applications				
18.	NHF (UT)	50, 75, 90, 100, 103, 114,125	Normal haze film, both sides UT.	Sequins and Glitter application. Good adhesion for inks and lacquers.				
19.	NHF (MT)	50, 75, 90, 100, 103, 114,125	Normal haze film, one side CT.					
	RELEASE FILM - TRANSPARENT							
20.	RLF (UT)	19, 23, 30, 36, 50	Transparent release film, both sides UT. High mechanical strength & durability.	Specially designed for silicon coating application for better release.				
21.	RLF (LT)	19, 23, 30, 36, 50	Transparent release film, one side CT. High mechanical strength & durability.					
	TWIST WRAP FILM							
22.	TGF (AS-UT)	15, 18, 20, 23	Transparent film, one side AS coated & other side UT.  Very low static charge, Zero memory.  Excellent twist retention.  "Not suitable for printing on coated surface".	Specially designed for:  - Twist wrap packaging of confectionery items.  - Suitable for hot as well as cold application.  - Candy and Lollipops wrap application.				
23.	TGF (AS-MT)	15, 18, 20, 23	Transparent film, one side AS coated & other side CT.  Very low static charge, Zero memory.  Excellent twist retention.  "Not suitable for printing on coated surface".	Specially designed and suitable for:  - Twist wrap packaging for confectionery.  - Twist wrapping both in hot & cold application.				
24.	TGF (MO)	15, 18, 20, 23	Metalized on corona treated surface. With (od 2.2) normal barrier. Excellent twist retention, Zero memory.	Specially designed and suitable for: - Twist wrap packaging for confectionery Twist wrapping both in hot & cold application.				
	YARN GRADE FILM - TRANSPARENT							
25.	YGF (UT)	12.5, 13, 13.5, 23, 36	Transparent film, both side UT. Excellent mechanical properties. Excellent thermal stability.	Yarn film are used in plain as aell as metalized form (zari thread). Printing and Lamination.				
24.	YGF (MT)  BO HSPF (UT)	12.5, 13, 13.5, 23, 36 40, 45, 50, 55, 60	High Shrink Mono transverse oriented clear co-extruded PETG Film is boths side UT. Excellent and uniform heat shrinkage. Excellent Clarity, Transparency and gloss. This film is suitable for reverse printing. Excellent encouragement of ink. Environmental-friendly.	High shrink film is best suitable for full body shrink sleeves, labels and seal cap applications, pressure-sensitive shrink labels.  Promotional combining packs. The major applications are cosmetics, personal cares, diary, foods, Juice packaging and pharmaceutical packaging.				
	BARRIER FILMS - METALIZED							
27.	PAF (NB) MO	8, 10, 12, 15, 19, 23	Metallization on corona treated surface. With (od 2.2) normal barrier application. Good barrier properties.	Flexible packaging, Printing & Lamination. Decorative applications. Duct insulation.				
28.	PAF (MB) MO	8, 10, 12, 15, 19, 23	Metallization on corona treated surface. With (od 2.5) High barrier application. Very good barrier properties.					
29.	PAF (HB) MO	8, 10, 12, 15, 19, 23	Metallization on corona treated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.					
30.	CPF (NB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.2) normal barrier application. Good barrier properties.	Flexible packaging, Printing & Lamination. Decorative applications.				
31.	CPF (MB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.5) High barrier application. Very good barrier properties.					
32.	CPF (HB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.					

### **About Us**

Cosmo Films is one of the businesses of Cosmo First Limited with more than 42 years into existence. Cosmo First Limited has diverse businesses including Cosmo Films, Cosmo Speciality Chemicals (Coatings, Adhesive, Masterbatches and Textile Chemicals), Cosmo Plastech (temper proof containers), Cosmo Sunshield (Window & Security Films), Zigly (D2C omnichannel Petcare brand) and Philanthropic arm Cosmo Foundation.

With manufacturing units in India & Korea and warehousing in different parts of the World, Cosmo Films is a global leader in offering specialty BOPP, BOPET & CPP films for Sustainable Packaging, Labels (shrink wrap, Face stock films, labels for injection moulded containers and wrap around), Lamination (thermal and wet lamination), Synthetic Paper, and various industrial applications. The company has been at the forefront of developing customer-centric solutions to deliver the finest product and service experience, backed by innovation, people, and processes.

#### **Certifications**

ISO 9001: 2008

**Quality Management System** 

#### **BRC/IOP**

Product Safety and Hygiene Management System ISO 14001: 2004

Environment Management System





MANUFACTURING FACILITIES

India: 3 | Korea: 1

# SALES OFFICES India: 6 | US | Germany | Korea





#### CORPORATE/REGD. OFFICE:

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#### **AURANGABAD**

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#### **VADODARA**

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#### APAC MANUFACTURING FACILITY

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## **BOPET Films**

Product Code	Microns	Product Description	Applications
MAF (NB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.2) normal barrier application. Good barrier properties.	Flexible packaging, Printing & Lamination. Flexible packaging. Hot fill application up to 1000C / 2120F.
MAF (MB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.5) High barrier application. Very good barrier properties.	
MAF (HB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.	
BM PAF (NB) MO	8, 10, 12, 15, 19, 23	Metallization on corona treated surface. With (od 2.2) normal barrier application. Good barrier properties.	Flexible packaging, Printing & Lamination. Decorative applications. Duct insulation.
BM PAF (MB) MO	8, 10, 12, 15, 19, 23	Metallization on corona treated surface. With (od 2.5) High barrier application. Very good barrier properties.	
BM PAF (HB) MO	8, 10, 12, 15, 19, 23	Metallization on corona treated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.	
BM CPF (HB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.	Flexible packaging, Printing & Lamination. Decorative applications.
BM MAF (NB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.2) normal barrier application. Good barrier properties.	Flexible packaging, Printing & Lamination. Flexible packaging. Hot fill application up to 1000C / 2120F.
BM MAF (MB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.5) High barrier application. Very good barrier properties.	
BM MAF (HB) MO	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.	
BM BLF (NB) MO	8, 10, 12	Metallization on corona treated surface. With (od 2.2) normal barrier. Suitable for UV offset ink printing on coated surface side.	This film is specially designed for UV offset printing on chemically coated side.  Film is majorly use in box/board lamination.
BM TGF (NB) MO	15, 18, 23	Metallization on corona treated surface. With (od 2.2) normal barrier. Excellent twist retention. Zero memory, Eco-friendly.	This film is specially designed for UV offset printing on chemically coated side. Film is majorly use in box/board lamination.
	MAF (NB) MO  MAF (MB) MO  MAF (HB) MO  BM PAF (NB) MO  BM PAF (HB) MO  BM CPF (HB) MO  BM MAF (NB) MO  BM MAF (NB) MO  BM MAF (MB) MO	MAF (NB) MO  8, 10, 12, 15, 19, 23  MAF (MB) MO  8, 10, 12, 15, 19, 23  MAF (HB) MO  8, 10, 12, 15, 19, 23  BM PAF (NB) MO  8, 10, 12, 15, 19, 23  BM PAF (MB) MO  8, 10, 12, 15, 19, 23  BM PAF (HB) MO  8, 10, 12, 15, 19, 23  BM CPF (HB) MO  8, 10, 12, 15, 19, 23  BM MAF (NB) MO  8, 10, 12, 15, 19, 23  BM MAF (NB) MO  8, 10, 12, 15, 19, 23  BM MAF (MB) MO  8, 10, 12, 15, 19, 23  BM MAF (HB) MO  8, 10, 12, 15, 19, 23  BM MAF (HB) MO  8, 10, 12, 15, 19, 23	MAF (NB) MO  8, 10, 12, 15, 19, 23  Metallization on chemical coated surface. With (od 2.2) normal barrier application. Good barrier properties.  MAF (MB) MO  8, 10, 12, 15, 19, 23  Metallization on chemical coated surface. With (od 2.5) High barrier application. Very good barrier properties.  MAF (HB) MO  8, 10, 12, 15, 19, 23  Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.  Metallization on corona treated surface. With (od 2.2) normal barrier application. Good barrier properties.  Metallization on corona treated surface. With (od 2.2) normal barrier application. Very good barrier properties.  Metallization on corona treated surface. With (od 2.2) high barrier application. Very good barrier properties.  Metallization on corona treated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.  Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.  Metallization on chemical coated surface. With (od 2.2) normal barrier application. Excellent barrier properties.  Metallization on chemical coated surface. With (od 2.3) for Special barrier application. Excellent barrier properties.  Metallization on chemical coated surface. With (od 2.2) normal barrier application. Very good barrier properties.  Metallization on chemical coated surface. With (od 2.3) High barrier application. Very good barrier properties.  Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.  Metallization on chemical coated surface. With (od 2.2) normal barrier application. Excellent barrier properties.  Metallization on corona treated surface. With (od 2.2) normal barrier. Suitable for UV offset ink printing on coated surface. With (od 2.2) normal barrier. Suitable for UV offset ink printing on coated surface. With (od 2.2) normal barrier.





### **Installed Production Capacity**

BOPP Films: 2,00,000 TPA

BOPET: 30,000 TPA CPP Films: 9,000 TPA

Thermal Films: 30,000 TPA Coated Films: 30,000 TPA Metalized Fihlms: 41,000 TPA

CSP: 7200 TPA





#### Infrastructure

9 BOPP Production Lines\*

- 1 BOPET Line
- 2 CPP Lines\*\*
- 8 Extrusion Coating Lines
- 6 Gravure Coating Lines
- 6 Metalizers



- \* 10<sup>th</sup> BOPP line to be commissioned by 2025
- \*\*3rd CPP Line to be commissioned by 2024

