

COSMO FILMS

Engineered to enhance shelf life



About Us

Cosmo Films is a global leader in specialty films for packaging, lamination, labelling and synthetic paper. With engineering of innovative products and sustainability solutions, Cosmo Films over the years has been partnering with worlds' leading F&B and personal care brands and packaging & printing converters to enhance the end consumer experience. With state-of-the-art manufacturing facilities in India and distribution, warehousing & sales offices in different parts of the world, 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.



Installed Production Capacity

BOPP Films: 2,74,000 TPA
CSP : 7,200 TPA
CPP Films: 27,000 TPA
BOPET Films: 30,000 TPA
PET G Films: 14,000 TPA
Thermal Films: 40,000 TPA
Coating Films: 30,000 TPA
Metalized Films: 65,000 TPA

Infrastructure

10 BOPP Production Lines
2 CSP Line
3 CPP Lines
1 BOPET Line
6 Thermal Lamination Lines
8 Gravure Coating Lines
10 Metalizers

Certifications

ISO 9001: 2015 - Quality Management System
BRCGS - Global Standard For Packaging Material System
ISO 14001: 2015 - Environment Management System
FSSC 22000 - Food Safety System Certification
ISCC PLUS - International Sustainability and Carbon Certification.



SEZ UNIT, AURANGABAD, INDIA

VADODARA - INDIA

AURANGABAD - INDIA

BOPP Films

S. No.	Product Code	Microns	Product Description	Applications
BARRIER FILMS				
1.	HST-2 (UHBS) MO	18	Metalized, Ultra high barrier, Both side CT	Aluminium Foil Replacement, Dry Powdered milk & Coffee
2.	HST-2 (UHB) MO			
3.	HST-1 (HBOM) MO	28	Cavitated Metalized, Ultra High Barrier, Very high Seal Strength and SIT 80	Chicken cubes, Chips, Dehydrated foods, Spices
4.	HST-2 (HMB) MO	15/18	Metalized, High moisture barrier, Heat sealable, Both side CT	Chocolates, Biscuits, Dry Powder, Multilayer Sachets
5.	HST-2(HMB-EL) MO		Metalized, High mositure barrier, Heat sealable, Both sides CT, Suitable for extrusion lamination	
6.	HST-1 (HSB) MO T095	15/18/20	Metalized, Broad seal & high hot tack, SIT 95	Chips, Nachos, Tea Sachet & Bakery
7.	HST-1 (HSB) MO T085		Metalized, Broad seal & high hot tack, SIT 85	
8.	HST-1 (HSB-EL) MO T085	15/18/20/25	Metalized, High barrier, broad seal, High hot tack, SIT 85 Suitable for extrusion lamination	
9.	C1010 (A-A)	25/30/35/40	Transparent, High gloss, High aroma barrier, Broad seal	Bakery, Confectionery, Tea, Rice, Perfume, Soap Packing
10.	C1070 (TB)	25	Transparent, High oxygen & moisture barrier, Good gloss	Bakery, Dry Fruits, Confectionery, Nutritional Bar, Snacks
HEAT RESISTANT FILM - PET FILM REPLACEMENT				
11.	PCT-2 (CV) HR	15/18/20/25	Heat resistant (upto 160° C), High gloss, Non heat sealable, Both side CT	PET film replacement in a multilayer laminate
12.	PP (TeploR)	18	High Heat resistant (upto 185° C), Non heat sealable, Both side CT	
13.	PCT-1 (TGN)	10/12	Transparent, One side treated & other side PE compatible surface	Snack Foods & Confectionery
LABEL FILMS				
14.	HST-1 (PLO) MO	35/38	Metalized, Cavitated white opaque	Wrap Around Label, Cosmetics, Spices
15.	HST-1/2 (PLO) LB	38	Cavitated white, Good ink anchorage, One/Both side CT	Wrap Around Labels for Soft drinks, Juices & Water
16.	HST-1 (PLO) LB HS	38	Cavitated white, High gloss, Both side CT suitable for high speed labelling machines	
17.	PCT-2 (PLO) LB		Cavitated White, High gloss, Both side CT	
18.	PCT-2 (PLO) LB55		Cavitated white, High gloss, High yield, Both side CT	
19.	HST-2 (PL)	25	Pearlised, Both side CT	
20.	HST-2 (PL)MO		Pearlised, Metalized, Both side CT	
21.	HST-1 (PL) HS	38	Pearlised, High gloss, High speed, Heat sealable	
22.	PCT-1 (S/S) LB	30/35/38/40/45/50	Transparent, Superior ink anchorage for "No Look" label, One side CT	
23.	PCT-2 (S/S) LB	30/40/45/50	Transparent, Superior ink anchorage, High stiffness, Both side CT	Cut & Stack Labels
24.	HST-2 (PLO) LB 70	75	Cavitated white, One side gloss other side silky matte finish, Both side CT	
25.	HST-2 (IML) LB85	60/70	Cavitated white IML film, Both side CT	In-Mould Labels
26.	HST-2 (IML) LB58	60/65	Cavitated white IML film with Orange peel effect, High yield, Both side CT	
27.	PCT-2 (P/L) OL	12/15	Transparent, High gloss, Both side CT	Label Over Lamination
28.	PCT-2 (M) OL		Matte, Both side CT	
29.	PCT-2 (PL) LB	60/70	Pearlised, Both side CT	
COLD SEAL RELEASE FILMS				
30.	HST-2 (HMB) MO	15	Metalized, Cold Seal Release, Both sides CT	Chocolates & Cookies
31.	PCT-1 (CV) CSR	12/15/18	Transparent, Cold Seal Release, One side CT	
32.	HST-1 (M) CSR	15/18/25	Matte, Cold seal release, One side CT	

BOPP Films

S. No.	Product Code	Microns	Product Description	Applications
PRINTING & POUCHING FILMS - WHITE & PEARLISED				
33.	HST-1 (W)	15/20/25/30	Solid white, Heat sealable, One side CT	Jelly, Candy & Gems
34.	HST-1 (PL)	20/25/30/35/40	Pearlised, Heat sealable, One side CT	Ice Creams, Snack Foods & Confectionery
35.	HST-1 (PL) T095	25/30/35/40	Pearlised, Low SIT, One side CT	
36.	HST-1 (PLO) T095	35/38	Pearlised, High gloss, Low SIT, One side CT	
37.	HST-1 (PL) SOW	25	Pearlised, Low SIT 85°C , One side CT	Soap Overwrap
PRINTING & POUCHING FILMS - MATTE				
38.	PCT-1/2 (M)	15/18/20/25	Non heat sealable, One/Both side CT	Choclates, Nuts & Cookies
39.	HST-1/2 (M)		Non heat sealable, One/Both side CT	
40.	HST-1 (SM) T105	15/18/20	Matte side sealable at 105°C, one side CT	
41.	HST-2 (M) HCF	18	High COF, Heat Sealable, Both sides CT	Pet Foods, Grocery bags
42.	C1052(VT) CX	17	Velvet, Non heat sealable, One side CT	Pet Foods, Premium Bags
PRINTING & POUCHING FILMS - TRANSPARENT				
43.	PCT-1/2 (CV)	15/18/20/25/30	Non heat sealable, One/Both side CT	Snack Foods & Confectionery
44.	PCT-1 (CV) LCF	10	Low COF, Non heat sealable, One side CT	
45.	HST-1 (LCF) T105	15/18/20/25/30/35/40/50	Heat sealable, Low COF, One side CT	
46.	HST-1 (LCF) T095	15/18/20/25/30/35/40/50	Low COF, Low SIT, One side CT	
47.	HST-2 (AF)	20/25/30/35/40/50	Antifog, Heat sealable, Both sides CT	Fresh Vegetables, Fruits, Salad, Meat Packing
48.	HST-1 (HCF)	18/20	High COF, Heat Sealable, Anti skid, One side CT	Pet Foods, Grocery bags
49.	HST-1 (SOW)	40	Heat Sealable, Low COF, One side CT	Soap wrap
PRINTING & POUCHING FILMS - METALIZED				
50.	PCT-1 (MO)	09	Metallized, High yield, Non heat sealable, One side CT	Disposable Container Lidding, Candy Wraps
51.	PCT-1 (MO)	30/35	Metallized, Non heat sealable, One side CT	Gift Wraps, Decoratives
52.	HST-1 (MO) T105	15/18/20/25/30	Metallized, Heat sealable, One side CT	Savouries
53.	HST-1 (MO) T095		Metallized, Low SIT, One side CT	
PRINTING & POUCHING FILMS - OXO Biodegradable Films				
54.	PCT-1 (S/S) LB OBD	25/30/35/38/40	Transparent, Wrap Around Label, One Side CT	Wrap Around Labels
55.	HST-1/2 (M) OBD	15/18/20/25	Matte, Non heat sealable, One/Both side CT	Choclates, Nuts, Coffee, Tostadas & Cookies
56.	HST-1 (SM) OBD T105	18/20	Matte side sealable at 105°C, one side CT	Snack Foods & Confectionery
57.	HST-1 (OBD)	15/18/20/25/30/35/40/50	Transparent, Heat sealable, One side CT	
58.	HST-2 (OBD) AF	25/30/35/40	Antifog, Heat sealable, Both sides CT	Fresh Vegetables, Fruits, Salad, Meat Packing
59.	HST-1 (HSB-EL) OBD MO T085	15/18/20/25	Metalized, High barrier, High hot tack, SIT 85, For extrusion lamination	Chips, Nachos & Cookies
60.	HST-1 (EL) OBD MO	15/18/20	Metallized, Heat sealable, For extrusion lamination	
61.	HST-1 (OBD) MO	15/18/20/25	Metallized, Heat sealable, One side CT	
62.	HST-1 (OBD) MO T095	15/18/20/25	Metallized, Low SIT, High Speed, One side CT	
INDUSTRIAL FILMS				
63.	PCT-0	12/15/18	Transparent, Non heat sealable, Good release properties	Decorative Laminates
64.	PCT-1	21/22/23/25/27/28/29/30/33/34/35/36/37/40/42	Transparent, Non heat sealable, High gloss	Adhesive Tapes & Textile Bags
65.	PCT-1 (HCL)	23/25/30/35/40	Transparent, Non heat sealable, High clarity	Flower/Textile Wraps

CPP Films

S. No.	Product Code	Microns	Product Description	Applications
TRANSPARENT - CPP FILMS				
1.	HST-1 (P/L) CPP	15/20/22/25/30/35/40/50/60/70/80	Transparent, Heat sealable, High Speed, One side CT	Pasta, Bakery, Candy Pouch & Confectionery
2.	HST-1 (P/L) CPP T095	15/20/25/30/35/40/45/60	Transparent, Heat sealable, High Speed, Low SIT, One side CT	
3.	HST-1 (P/L) CPP T105	30/65	Transparent, Heat sealable, High Speed, Low SIT, One side CT	
4.	HST-1(HS) CPP T090	35/40	Transparent, LOW SIT, High Seal Strength, One side CT	
5.	HST-1 (DF) CPP	30/35/40/50/60/70	Transparent, Heat sealable, High Speed, One side CT	Deep freeze properties upto -25°C
WHITE - CPP FILMS				
6.	HST-1 (W) CPP T095	15/20/25/40	White, Heat sealable, Low SIT, One side CT	Noodles, Detergent & Snack
7.	HST-1 (W) CPP	15/18/20/25/30/35/40/50/55/60	White, Heat sealable, One side CT	
8.	HST-1 (W) HCF CPP	20/25	White, Heat sealable, High COF, One side CT	Diapers
METALIZED - CPP FILMS				
9.	HST-1 (MO) CPP	20/22/25/30/35/40	Metalized, Heat sealable, One side CT	Snack Foods, Confectionery & Tobacco
10.	HST-1 (MO) CPP T095	22/25	Metalized, Heat sealable, Low SIT, One side CT	
11.	HST-1 EL (MO) CPP T105	20	Metalized, Heat sealable, Extrusion Lamination, One side CT	
BARRIER METALIZED - CPP FILMS				
12.	HST-1 (BIL) MO CPP	22/25	Metalized, High Barrier, High metal bond strength, One side CT	Cake & Bread
13.	HST-1 (MHB-EL) MO CPP T090	25	Metalized, High Barrier, High metal bond strength, Suitable for extrusion lamination, Low SIT 90°, One side CT	Flavoured tobacco & Savouries
14.	HST-1 (HB-EL) MO CPP	30	Metalized, High Barrier, High metal bond strength, Suitable for extrusion lamination, One side CT	Snack Foods & Confectionery
RETORT - CPP FILM				
15.	HST-1(RT)CPP	65/70/80/90	High Retort	Pet Food & Ready to Eat Food
16.	HST-1(WRT)CPP	50/60/70/80/90/100	White High Retort	
ANTIFOG/LIDDING - CPP				
17.	HST-2(AF) CPP	25/30/35/40	Antifog CPP	Fruits & Vegetables
18.	HST-1 (LSR) CPP	50	Transparent Lidding CPP, SIT 125°C	Lidding application for PP/PE containers
19.	HST-1 (LRT) CPP	50/60/70/80	Transparent High Retort Lidding CPP	
TWIST CPP				
20.	HST-1 (TW) CPP	25/30/35/40	Transparent, Cast PP, one side treated, Excellent Twistability	Candy wrap, confectionary



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PLAIN				
1.	PAF-1	6, 8, 10, 12, 15, 19, 23, 36, 50	Transparent film, one side CT. Good transparency.	Flexible packaging applications.
2.	PAF-O	6, 8, 10, 12, 15, 19, 23, 36, 50	Transparent film, Untreated. Good transparency.	
3.	MTF-1	12,15,19,23	Matte film, one side corona treated and other side untreated	Pet food and Tobacco
CHEMICAL COATED				
4.	CPF-1	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side Copet coated & other side Corona treated. Excellent bond adhesion with Inks & adhesives.	Converting & metallization. Acid, Alkali packaging.
5.	CPF-O	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side special chemical coated & other sideUntreated Excellent bond adhesion with Inks & adhesives.	
6.	MAF-1	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side special chemical coated & other side treated	Printing, lamination & metallization. Hot fill, Pasteurization, Sterilization & Retort application.
7.	MAF-O	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side special chemical coated & other side Untreated.	
8.	MCF-O	12,15,19,23	Matte film, one side chemical coated and other side untreated	Pet food and Tobacco
9.	C2001 (VT-P)	14/15	One side Velvet and other side corona treated	Luxury Flexible Packaging
UV OFFSET PRINTABLE FOR BOARD LAMINATION				
10.	BLF-O	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.
11.	BLF-1	8, 10, 12, 15, 19	Transparent film is one side special primer coated & other side Corona treated. Special primer coating side suitable for UV offset sheet printing.	
12.	BLF-1(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.
13.	EBF	13	One side embossable film and other side untreated.	Embossing, Holographic application and Gift wrap
SEALABLE & PEELABLE FILMS				
14.	HSF-O	12, 15, 19, 23, 30	Transparent one side heat sealable PET film	Tack Seal and Food tray Sealing
15.	HSF-MO	15, 18, 23	Metalized one side heat sealable PET film	
16.	TLID	30,41	Transparent Lidding film, One side Sealable and other side not treated.	Suitable for lidding application with APET, CPET & PVC. Other side suitable for surface printing.
17.	TLID-AF	30,41	Transparent Lidding film with Antifog property, Antifog lidding films with sealent layer	
18.	MLID	22,30,41	Metalized Lidding Film	
19.	PSF (AF)	25	Lidding film with Antifog property. Excellent dimensional stability. Excellent Peelable Sealing Property.	
ISOTROPIC FILM FOR LIDDING - TRANSPARENT				
20.	ITF-O	12, 19, 23, 36,50	Transparent film, both sides UT. Balanced mechanical properties in all directions.	Designed for lidding applications.
21.	ITF-1	12, 19, 23, 36,50	Transparent film, one side CT. Balanced mechanical properties in all directions.	
THICK FILM - TRANSPARENT				
22.	LHF-O	50, 75, 90, 100, 103, 114,125	Low haze film, both sides UT.	Electrical insulation Sequins and Glitter application. Good adhesion for inks and lacquers.
23.	LHF-1		Low haze film, one sides CT.	
24.	NHF-O		Normal haze film, both sides UT.	
25.	NHF-1		Normal haze film, one side CT.	
26.	EGF	15,19,23,36,50	Untreated PET Film for electrical insulation	Motor winding, Leatheroid lamination & Electrical insulation tape.

BOPET Films

S. No.	Product Code	Microns	Product Description	Applications
RELEASE FILM - TRANSPARENT				
27.	RLF-O	19, 23, 30, 36, 50	Transparent release film, both sides UT. High mechanical strength & durability.	Specially designed for silicon coating application for better release.
SUSCEPTOR FILM				
28.	SCF-MO	12	Metalized film with excellent electrostatic dissipation	For microwave applications
TWIST WRAP FILM				
29.	AS TGF-O	18, 20, 23	Transparent film, one side coated & other side Untreated. Very low static charge, Zero memory. **"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.
30.	AS TGF-1	18, 20, 23	Transparent film, one side 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.
31.	TGF-1 MO	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				
32.	YGF-O	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.
33.	YGF-1		Transparent film, One side CT, Excellent mechanical properties, Excellent thermal stability	
BARRIER FILMS - METALIZED				
34.	PAF-1 (MO) NB	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.
35.	PAF-1 (MO) MB	8, 10, 12, 15, 19, 23	Metallization on corona treated surface. With (od 2.5) High barrier application. Very good barrier properties.	
36.	PAF-1 (MO) HB	8, 10, 12, 15, 19, 23	Metallization on corona treated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.	
37.	CPF-1 (MO) NB	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.
38.	CPF-1 (MO) MB	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.5) High barrier application. Very good barrier properties.	
39.	CPF-1 (MO) HB	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.	
40.	MAF-1 (MO) NB	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 100°C / 212°F.
41.	MAF-1 (MO) MB	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.5) High barrier application. Very good barrier properties.	
42.	MAF-1 (MO) HB	8, 10, 12, 15, 19, 23	Metallization on chemical coated surface. With (od 2.8) for Special barrier application. Excellent barrier properties.	

Lamination Films

LAMINATION FILMS- STANDARD RANGE

S. No	Product Code	Product Type	Microns	Product Features	Applications
THERMAL LAMINATION FILMS- BOPP					
1.	PCT-2 (DL)	Gloss	18/20/22/24/25.5	Superior gloss finish, High clarity, Excellent bonding to both printed & unprinted paper substrate	Brochures, Folders, Posters, Cartons, Diaries, Manuals, Magazines, Books, Photo albums
2.	PCT-2 (MDL)	Matte	18/20/22/26/27	Aesthetic matte finish, Excellent durability & bonding, Suitable for UV-coating, embossing & hot foil stamping	
3.	PCT-2 (M-SIL) DL	Silky Matte	27	Silky satin finish, Excellent bonding, Non-reflective finish resistant to finger prints	
4.	PCT-2 (DL) GMO	Gold	24	One side metallized, other side Golden, printable on golden side	Carton of cosmetics, Perfume, Wine etc.
THERMAL LAMINATION FILMS- PET					
5.	PCT-2 (PDL)	Gloss	27/30/37/75 125/175/200/250	High gloss & good stiffness, Accepts foil stamping, Excellent bonding with inks & coatings	Maps, Menu cards, Certificates, Marksheets, Folders, Labels, Photo albums
6.	PCT-2 (PDL)MO	Silver	22	Metallized suitable for UV offset ink printing on coated side	Carton of cosmetics, Perfume, Wine etc.
7.	PCT-2 (PDL) GMO	Gold	24/27	Metallization on CT side, other side Golden, Suitable for UV offset ink printing on coated side	
WET LAMINATION FILMS					
8.	PCT-2 P/L	Gloss	9/10/12/15	Good gloss & clarity, Low haze, Excellent machinability	Brochures, Posters, Carton lamination, Magazines, Diaries, Folders, Rice bag lamination
9.	PCT-2 (M)	Matte	12/15	Natural paper look, Excellent machinability, Excellent surface for UV coating	
10.	PCT-2 (SILKY-M)	Silky Matte	15	Unique optics, Excellent machinability	
11.	PCT-1 (MO)	Silver	12	Good metal anchorage, Good twist retention, Good barrier properties	For decorative lamination with paper, Twist wrap applications
12.	BLF-1(MO)	Silver	8, 10, 12	Metallized suitable for UV offset ink printing on coated side	Film is majorly use in box/board lamination.
13.	PCT-2 GMO	Gold	12	One side metallized, other side Golden, both sides CT, printable on golden side	Cartons of cosmetics, gift wrap, etc
LAMINATION FILMS- SPECIAL APPLICATIONS					
INSULATIONS FILMS					
14.	PCT-1 (DL) MO	Silver (Thermal-BOPP)	22	Adequate bonding with EPS sheets, Excellent moisture barrier, Excellent thermal insulation	For thermal insulation by a laminate with expanded polystyrene sheets used in buildings construction & cartons
MAPPED & MATCHED FILMS					
15.	P2PET (DL)	Gloss (Thick PET)	125/200/250	Excellent adhesion, clarity & durability, Excellent flatness & rigidity	Loyalty/Gift cards, ID cards, Postcards & Applications requiring excellent flatness
PREMIUM LAMINATION FILMS					
VELVET LAMINATION FILMS					
16.	PCT-2 (DL) VT	Velvet (Thermal-BOPP)	32	Premium velvet finish, Scuff resistant, Suitable for UV spot coating, foil stamping	Luxury packaging, Cosmetics & Liquor cartons, Coffee table books, Magazines, Brochures, Manuals, Shopping Bags, Wedding cards, Gift boxes, Diaries
17.	C1043 (VT) PR	Velvet (Wet-BOPP)	21		
SCUFF FREE MATTE LAMINATION FILMS					
18.	PCT-2 (MDL) SF	Scuff Free Matte (Thermal-BOPP)	36	Excellent scuff/scratch resistance, Natural matte finish, Suitable for UV-coating, embossing & hot foil stamping	Luxury packaging, Cosmetics & Liquor cartons, Coffee table books, Magazines, Brochures, Manuals, Shopping bags, Wedding cards, Gift boxes, Diaries
19.	PCT-2 (M) SF	Scuff Free Matte (Wet-BOPP)	20		
DIGITAL LAMINATION FILMS					
20.	PCT-2 DL Digital	Gloss (Thermal-BOPP)	31	Excellent optics & resistance to elongation & tear, Excellent bonding with digitally printed surface or digital prints containing high levels of fuser oil	Postcards, Photo books, Book covers, Textbooks, Magazines, Brochures, Manuals, Wedding cards, Posters
21.	PCT-2 MDL Digital	Matte (Thermal-BOPP)		Excellent bonding with digitally printed surface or digital prints containing high levels of fuser oil, Matte surface suitable for spot varnish, embossing & foil stamping	



PET G HIGH SHRINK FILMS

Engineered to enhance Appeal



Sustainable Shrink PET Film

S.No.	Properties	Ref.	Units	Tolerance	ASTM#/Test Method	CF-B0-SSPF			
	PHYSICAL DATA								
1.	Average Thickness		Microne	± 5%	D-374-C	40	45	50	60
			Gauge			160	180	200	240
			Mils			1.6	1.8	2.0	2.4
2.	Density		g/cc	± 0.02		1.27	1.27	1.27	1.27
3.	Average Substance		g/m2			50.8	57.15	63.5	76.2
4.	Surface Tension	UT	Dynes/cm		D-2578	40-42			
5.	Kinetic COF Static / Dynamic	A/B		±0.1		0.50/0.45			
6.	Yield		m2/Kg		D-4321	19.69	17.50	15.75	13.12
			in2/lb			13843	12303	11073	9224
	OPTICAL DATA								
7.	Haze		%		D-1003	<5	<5	<5	<5
	MECHANICAL DATA								
8.	Tensile Strength	MD	Kg/cm²	±150	D-882	500	500	500	500
		TD		±500		3000	3000	3000	3000
9.	Elongation	MD	%	±100	D-882	500	500	500	500
		TD		±30		65	65	60	60
	THERMAL DATA								
8.	Boiling Water Shrinkage (At 98° C/30 sec)	MD	%	±2	CTM	3.0			
		TD		±3		76.0			

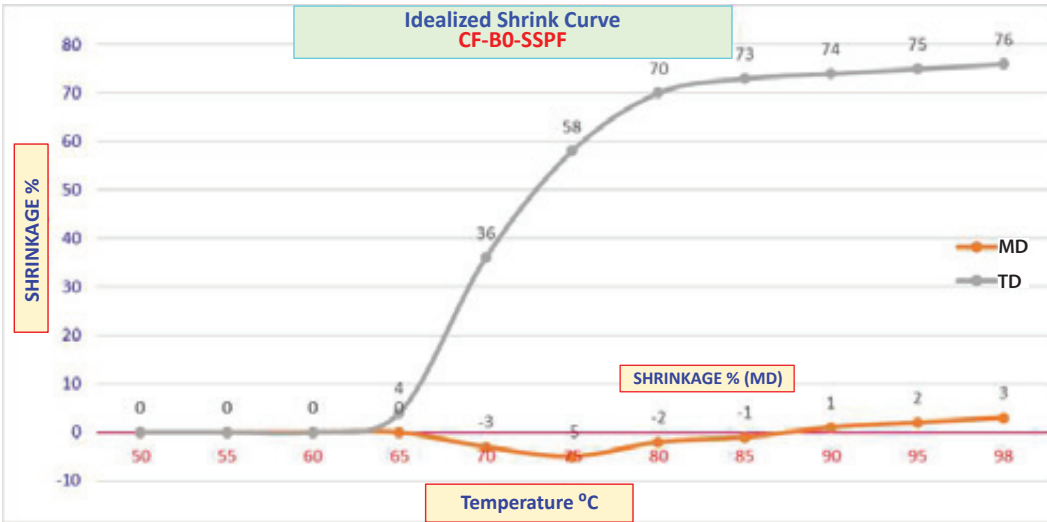
CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction B0 : Untreated

- These films are produced on a state of the art 8.7 meter wide Bruckner line, specially designed for producing High Shrink Films (maximum width line for producing PET Shrink Film).
- The line is only of its kind in the world and has the distinction of being the largest line producing Shrink PET Films.
- PET shrink Film is produced under Clean room conditions.
- Vacuum & Twin-screw extrusion technology restricting polymer degradation compared to old technology.

APPLICATIONS

- Best suited for full body Shrink sleeves, Seal caps.
- Cosmetics, Personal Care, Dairy, Food, Beverages and Pharmaceutical packaging.
- High shrink sustainable (76% TD Shrinkage) film with 1.27 density suitable for PET Bottles.

IDEALIZED SHRINK CURVE



Note: For shrink curve, film samples dipped in hot water at different temperature for 10 sec.

PET G High Shrink Films

S.No.	Properties	Ref.	Units	ASTM#/Test Method	CF-B0-HSPF			
	PHYSICAL DATA							
1.	Average Thicthkness		Microne	D-374-C	40	45	50	60
			Gauge		160	180	200	240
			Mils		1.6	1.8	2.0	2.4
2.	Density		g/cc		1.27	1.27	1.27	1.27
3.	Average Substance		g/m2		50.8	57.15	63.5	76.2
4.	Surface Tension		Dynes/cm	D-2578	40-42			
5.	Kinetic COF Static / Dynamic	A/B			0.50/0.45			
6.	Yield		m2/Kg	D-4321	19.69	17.50	15.75	13.12
			in2/lb		13843	12303	11073	9224
	OPTICAL DATA							
7.	Haze		%	D-1003	<5	<5	<5	<5
	MECHANICAL DATA							
8.	Tensile Strength	MD	Kg/cm²	D-882	500	500	500	500
		TD			3000	3000	3000	3000
9.	Elongation	MD	%	D-882	500	500	500	500
		TD			65	65	60	60
	THERMAL DATA							
8.	Boiling Water Shrinkage (At 98° C/30 sec)	MD	%	At 98°x30 sec. in hot water	2.0			
		TD			78.0			

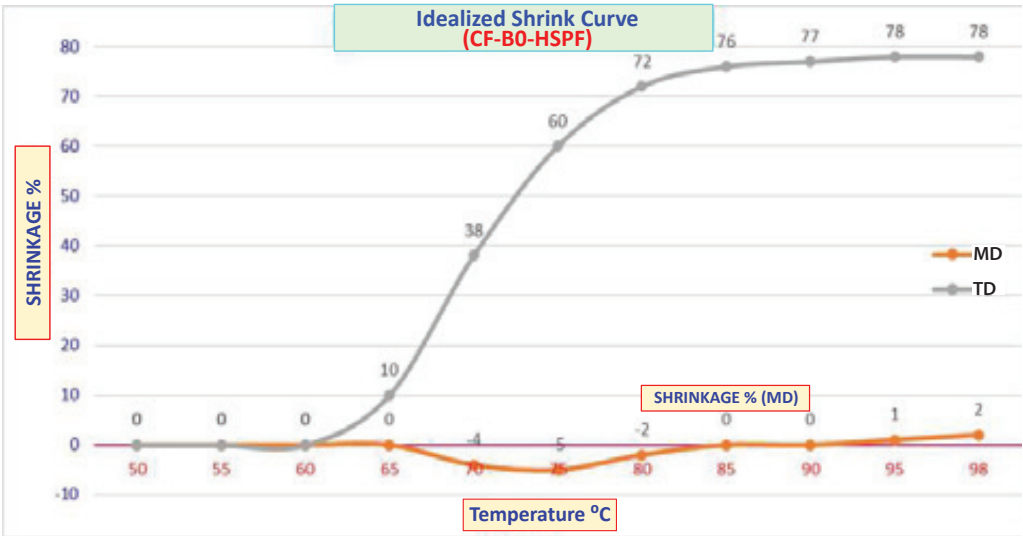
CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction B0 : Untreated

- These films are produced on a state of the art 8.7 meter wide Bruckner line, specially designed for producing High Shrink Films (maximum width line for producing PET-G Shrink Film).
- The line is only of its kind in the world and has the distinction of being the largest line producing Shrink PET Films.
- PET-G Shrink Film is produced under Class 100,000 Clean room conditions.
- Vacuum & Twin-screw extrusion technology restricting polymer degradation compared to old technology.

APPLICATIONS

- Best suited for full body Shrink sleeves, Seal caps.
- Cosmetics, Personal Care, Dairy, Food, Beverages and Pharmaceutical packaging.

IDEALIZED SHRINK CURVE



Note: For shrink curve, film samples dipped in hot water at different temperature for 10 sec.

PET G Medium Shrink Film

S.No.	Properties	Ref.	Units	Tolerance	ASTM#/Test Method	CF-B0-MSPF	
	PHYSICAL DATA						
1.	Average Thickness		Microne	± 5%	D-374-C	40	45
			Gauge			160	180
			Mils			1.6	1.8
2.	Density		g/cc	± 0.02		1.27	1.27
3.	Average Substance		g/m2			50.8	57.15
4.	Surface Tension	UT	Dynes/cm		D-2578	40-42	
5.	Kinetic COF Static / Dynamic	A/B		±0.1		0.50/0.45	
6.	Yield		m2/Kg		D-4321	19.69	17.50
			in2/lb			13843	12303
	OPTICAL DATA						
7.	Haze		%		D-1003	<5	<5
	MECHANICAL DATA						
8.	Tensile Strength	MD	Kg/cm²	±150	D-882	500	500
		TD		±500		3000	3000
9.	Elongation	MD	%	±100	D-882	500	500
		TD		±30		65	65
	THERMAL DATA						
8.	Boiling Water Shrinkage (At 98° C/30 sec)	MD	%	±2	CTM	-5.0	
		TD		±3		66.0	

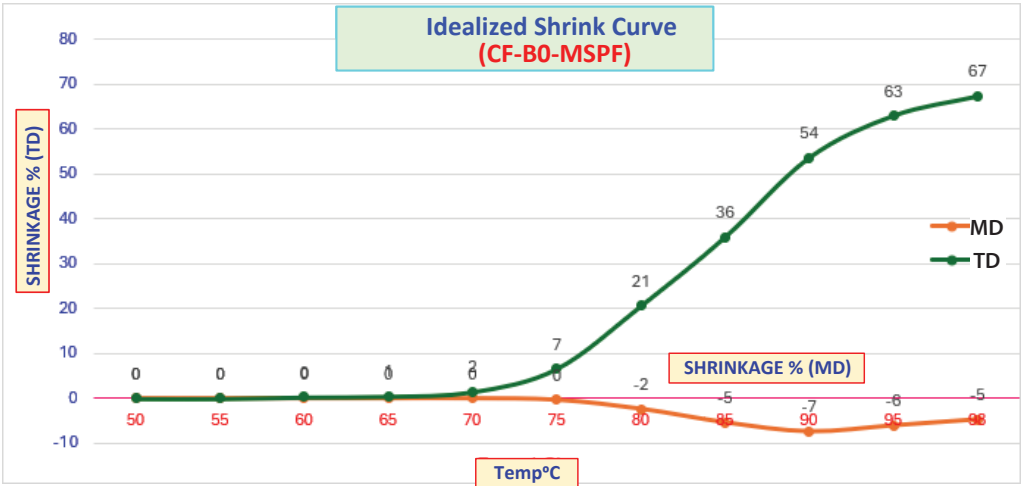
CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction B0 : Untreated

- These films are produced on a state of the art 8.7 meter wide Bruckner line, specially designed for producing High Shrink Films (maximum width line for producing PET-G Shrink Film).
- The line is only of its kind in the world and has the distinction of being the largest line producing Shrink PET Films.
- PET-G Shrink Film is produced under Clean room conditions.
- Vacuum & Twin-screw extrusion technology restricting polymer degradation compared to old technology.

APPLICATIONS

- Best suited for full body Shrink sleeves, Seal caps.
- Cosmetics, Personal Care, Dairy, Food, Beverages and Pharmaceutical packaging.

IDEALIZED SHRINK CURVE



Note: For shrink curve, film samples dipped in hot water at different temperature for 10 sec.

PET G Low Shrink Force Film

S.No.	Properties	Ref.	Units	Tolerance	ASTM#/Test Method	CF-B0-HSPF(LSF)	
	PHYSICAL DATA						
1.	Average Thickness		Microne	± 5%	D-374-C	40	45
			Gauge			160	180
			Mils			1.6	1.8
2.	Density		g/cc	± 0.02		1.27	1.27
3.	Average Substance		g/m2			50.8	57.15
4.	Surface Tension	UT	Dynes/cm		D-2578	40-42	
5.	Kinetic COF Static / Dynamic	A/B		±0.1		0.50/0.45	
6.	Yield		m2/Kg		D-4321	19.69	17.50
			in2/lb			13843	12303
	OPTICAL DATA						
7.	Haze		%		D-1003	<5	<5
	MECHANICAL DATA						
8.	Tensile Strength	MD	Kg/cm²	±150	D-882	500	500
		TD		±500		3000	3000
9.	Elongation	MD	%	±100	D-882	500	500
		TD		±30		65	65
	THERMAL DATA						
8.	Boiling Water Shrinkage (At 98° C/30 sec)	MD	%	±2	CTM	0.0	
		TD		±3		75.0	

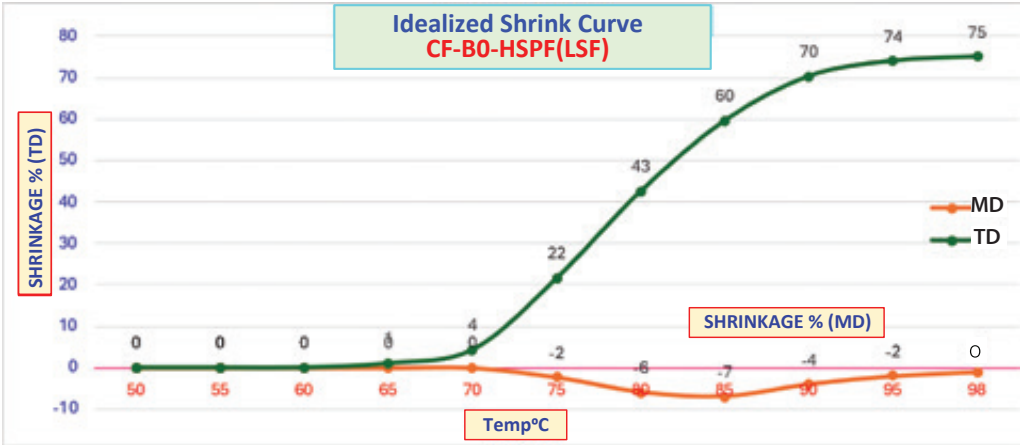
CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction B0 : Untreated

- These films are produced on a state of the art 8.7 meter wide Bruckner line, specially designed for producing High Shrink Films (maximum width line for producing PET-G Shrink Film).
- The line is only of its kind in the world and has the distinction of being the largest line producing Shrink PET Films.
- PET-G Shrink Film is produced under Clean room conditions.
- Vacuum & Twin-screw extrusion technology restricting polymer degradation compared to old technology.

APPLICATIONS

- Best suited for full body Shrink sleeves, Seal caps.
- Cosmetics, Personal Care, Dairy, Food, Beverages and Pharmaceutical packaging.
- PET G Shrink Film with Low Shrink Force suitable for empty bottles, thin walled bottles & PET bottles for Hot air tunnels

IDEALIZED SHRINK CURVE



Note: For shrink curve, film samples dipped in hot water at different temperature for 10 sec.

PET G Low Shrink Initiation Temperature Film

S.No.	Properties	Ref.	Units	Tolerance	ASTM#/Test Method	CF-BO-HSPF-LHP			
	PHYSICAL DATA								
1.	Average Thickness		Microne	± 5%	D-374-C	40	45	48	50
			Gauge			160	180	192	200
			Mils			1.6	1.8	1.9	2.0
2.	Density		g/cc	± 0.02		1.27	1.27	1.27	1.27
3.	Average Substance		g/m2			50.8	57.15	60.96	63.5
4.	Surface Tension	UT	Dynes/cm		D-2578	40-42			
5.	Kinetic COF Static / Dynamic	A/B		±0.1		0.50/0.45			
6.	Yield		m2/Kg		D-4321	19.69	17.50	16.40	15.75
			in2/lb			13843	12303	11530	11073
	OPTICAL DATA								
7.	Haze		%		D-1003	<5	<5	<5	<5
	MECHANICAL DATA								
8.	Tensile Strength	MD	Kg/cm²	±150	D-882	500	500	500	500
		TD		±500		3000	3000	3000	3000
9.	Elongation	MD	%	±100	D-882	500	500	500	500
		TD		±30		65	65	65	60
	THERMAL DATA								
8.	Boiling Water Shrinkage (At 98° C/30 sec)	MD	%	±2	CTM	2.0			
		TD		±3		78.0			

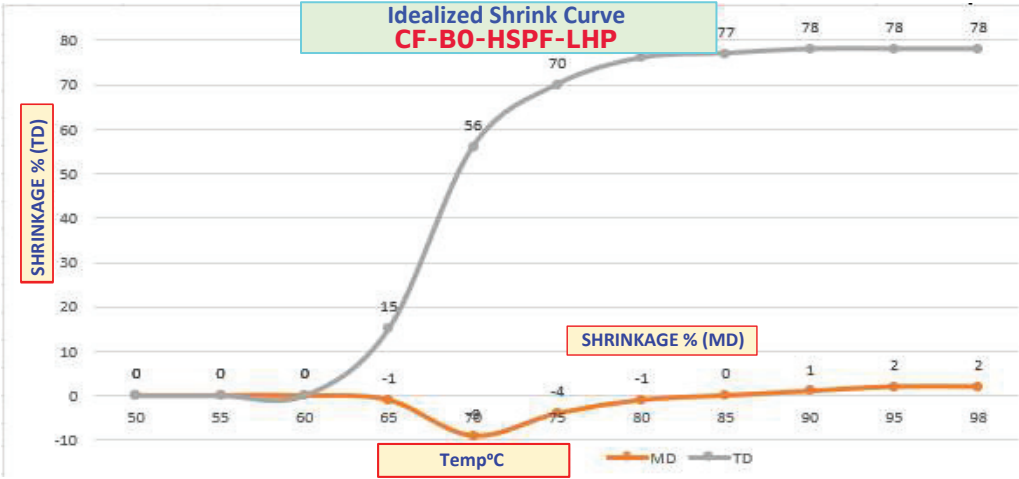
CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction BO : Untreated

- These films are produced on a state of the art 8.7 meter wide Bruckner line, specially designed for producing High Shrink Films (maximum width line for producing PET-G Shrink Film).
- The line is only of its kind in the world and has the distinction of being the largest line producing Shrink PET Films.
- PET-G Shrink Film is produced under Clean room conditions.
- Vacuum & Twin-screw extrusion technology restricting polymer degradation compared to old technology.

APPLICATIONS

- Best suited for full body Shrink sleeves, Seal caps.
- Cosmetics, Personal Care, Dairy, Food, Beverages and Pharmaceutical packaging.
- PET G Shrink Film suitable for all types of containers including HDPE & PP containers . Can work well in both Steam as well as Hot air tunnels & is suitable for critical jobs.

IDEALIZED SHRINK CURVE



Note: For shrink curve, film samples dipped in hot water at different temperature for 10 sec.

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