

FLEXIBLE PACKAGING FILMS

Engineered to enhance **Shelf Life**

An Ecological Approach for a Sustainable Future



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: 2,76,000 TPA
CSP : 7,200 TPA
CPP Films: 27,000 TPA
BOPET Films: 30,000 TPA
PET G Films: 12,000 TPA
Thermal Films: 25,500 TPA
Coating Films: 40,800 TPA
Metalized Films: 56,800 TPA

Infrastructure

10 BOPP Production Lines
2 CSP Line
3 CPP Lines
1 BOPET Line
5 Thermal Lamination Lines
12 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.

A Commitment to Responsible Growth

ENVIRONMENTAL

Cosmo First takes active steps to reduce the environmental impact of its operations, uses natural resources responsibly, and embeds sustainability across the organisation.

42%

Reduction in carbon Emission (Scope 2)

50%

Solar power consumption

35%+

Percentage of water treated at Cosmo

7M+

Litres per Year Water saved

SOCIAL

Cosmo First is deeply invested in community wellbeing through a wide range of initiatives under its Social Responsibility framework. These include meaningful CSR investments, programs focused on women's wellbeing, support for educational institutions, and efforts in health, sanitation, environmental conservation, and plantation drives.

1M

Lives touched through CSR

1,61,000+

Trees planted

2,400+

Women empowered

61

Digitalized Schools

BOPP Films

S. No.	Product Code	MIL	Product Description	Applications
BARRIER FILMS				
1.	HST-2 (UHB) MO	0.7	Metalized, Ultra high barrier, Both side CT	Aluminium Foil Replacement, Dry Powdered milk & Coffee
2.	HST-1 (HBOM)	1.1	Cavitated Metalized, Ultra High Barrier, Very high Seal Strength and SIT 80	Chicken cubes, Chips, Dehydrated foods, Spices
3.	HST-2(IMB)HS MO	0.5/0.6	Metalized, Intermediate barrier, Cold seal lamination, Suitable for extrusion lamination	Chocolates, Biscuits, Dry Powder, Multilayer Sachets
4.	HST-1(HMB-EL) MO T075	0.6/0.7/0.8/0.9/1/1.2	Metalized, High mositure barrier, Heat sealable, 75 SIT, Suitable for extrusion lamination	Chocolates, Biscuits, Cream wafers
5.	HST-1(HMB-EL) MO T085	0.6/0.7/0.9/1	Metalized, High mositure barrier, Heat sealable, 85 SIT, Suitable for extrusion lamination	
6.	HST-1(HMB-EL) MO T090	0.5/0.7/0.8/0.9/1.2/1.6/2.0	Metalized, High mositure barrier, Heat sealable, 90 SIT, Suitable for extrusion lamination	
7.	HST-1(HMB-EL) MO T095	0.6/0.7/0.9/1	Metalized, High mositure barrier, Heat sealable, 95 SIT, Suitable for extrusion lamination	
8.	HST-1 (EL) MO T95	0.6/0.7/0.8	Metalized, Medium barrier, Suitable for extrusion lamination	Chips wafers
9.	HST-1 (EL) MO T105			
10.	HST-1 (HSS-EL) MO T085	0.6/0.7	Metalized, High barrier, broad seal, High hot tack, SIT 85 Suitable for extrusion lamination	Confectinlary, snacks & pet food application
11.	HST-1 (ES-EL) MO T085	0.8/0.9		Inner sealing layer for biscuits, confectionary and snacks
LABEL FILMS				
12.	HST-1 (PLO) MO	1.2/1.4/1.5	Metalized, Cavitated white opaque	Wrap Around Label, Cosmetics, Spices
13.	HST-1/2 (PLO) LB	1/1.3/1.4/1.5/1.8	Cavitated white, Good ink anchorage, One/Both side CT	Wrap around labels for containers of soft drinks, mineral water etc.
14.	HST-1 (PLO) LB HS	1.5	Cavitated white, High gloss, Both side CT suitable for high speed labelling machines	
15.	PCT-2 (PLO) LB	1.5	Cavitated White, High gloss, Both side CT	
16.	PCT-1 (S/S) LBS	0.7/1/1.2/1.4/1.6/1.8/2	Transparent, Superior ink anchorage for "No Look" label, One side CT	Wrap Around Transparent or 'No Look' Labels
17.	PCT-2 (S/S) LBS	0.7/1/1.2/1.4/1.6/1.8/1.8/2.0	Transparent, Superior ink anchorage, High stiffness, Both side CT	Cut and Stack Labels

BOPP Films

S. No.	Product Code	MIL	Product Description	Applications
PRINTING & POUCHING FILMS - WHITE & PEARLISED				
18.	HST-1 (W)	.07/1/1.2/1.4/1.6	Solid white, Heat sealable, One side CT	Jelly, Candy & Gems
19.	HST-1 (W) T095	0.7	Solid white, Heat sealable, Low SIT, One side CT	Snacks & Bakery
20.	HST-1 (PL)	0.8/1/1.2/1.4/1.6	Pearlised, Heat sealable, One side CT	Ice Creams, Snack Foods & Confectionery
PRINTING & POUCHING FILMS - MATTE				
21.	HST-1 (M) CSR	0.7/0.8/1	Matte, Cold seal release, One side CT	Chocolates & Cookies
22.	HST-1 (M)	0.7/0.8/1.2	Non heat sealable, One/Both side CT	Choclates, Nuts and Cookies
23.	HST-1 (SM) T105	0.6/0.7/0.8/1/1.2	Matte side sealable at 1050C, one side CT	Lamination with PP woven sacks for Pet food packaging
PRINTING & POUCHING FILMS - TRANSPARENT				
24.	PCT-1 (CV) CSR	0.6/0.7/1	Gloss, Cold seal release, One side CT	Chocolates and Cookies
25.	HST-1 (LCF) T075	0.6/0.7/0.7/0.8/0.9/1/1.2/1.4/1.6/2/2/40/51	Heat sealable, Low COF, One side CT	Snack Foods & Confectionery
26.	HST-1 (LCF) T080	1.0/1.2		
27.	HST-1 (LCF) T085	0.6/0.7/0.8/0.9/1.0/1.2/1.4/40/50	Low COF, Low SIT, One side CT	
28.	HST-1 (LCF) T095	0.6/0.7/0.8/0.9/1.0/1.2/1.4/1.6/2.0	Heat sealable, Low COF, One side CT	
29.	HST-1 (LCF) T105	0.6/0.7/0.7/0.8/0.9/1.0/1.2/1.4/1.6/2.0/2.0/40/51	Low COF, Low SIT, One side CT	
30.	HST-2 (AF)	0.8/1.0/1.1/1.2/1.4/1.6/2.0	Antifog, Heat sealable, Both sides CT	Fresh Vegetables, Fruits, Salad, Meat Packing
31.	HST-1 (HSF)	0.8/1.0	Heat Sealable, One side CT	High speed Overwrap for snacks, bakery products
32.	PCT -1 (S/S) CV LCF	0.4/0.5/0.6/0.7/0.8/1.0/1.2/1.4/1.6	Transparent, Superior ink anchorage, One side CT	Printing layer in laminates of multilayer web, Monolayer candy packaging
33.	PCT -2 (S/S) CV LCF			
PRINTING & POUCHING FILMS - METALIZED				
34.	PCT-1 (MO)	0.3/0.4/0.4/0.6	Metallized, High yield, Non heat sealable, One side CT	Disposable Container Lidding, Candy Wraps
35.	PCT-2 (MO)	0.5	Metallized, Non heat sealable, both side CT	Gift Wraps, Decoratives
36.	HST-1 (MO) T105	0.6/0.7/0.8/1.0/1.2	Metallized, Heat sealable, One side CT	Inner web in multi layer laminate, snack food and confectionary
37.	HST-1 (MO) T095	0.6/0.7/0.8	Metallized, Low SIT, One side CT	

CPP Films

S. No.	Product Code	MIL	Product Description	Applications
TRANSPARENT - CPP FILMS				
38.	HST-1 (P/L) CPP	0.8/0.9/0.9/1.0/1.2/ 1.4/1.6/1.77/2.0/2.16/ 2.36/2.75	Transparent, Heat sealable, High Speed, One side CT	Pasta, Bakery, Candy Pouch & Confectionery
WHITE - CPP FILMS				
39.	HST-1 (W) CPP	0.8/0.9/1/1.2/1.57/2	White, Heat sealable, One side CT	Confectionery
METALIZED - CPP FILMS				
40.	HST-1 (MO) CPP	0.7/0.8/0.9/1.0/ 1.2/1.4	Metalized, Heat sealable, One side CT	Snack Foods & Confectionery
BARRIER METALIZED - CPP FILMS				
41.	HST-1 (BIL) MO CPP	0.9/1	Metalized, High Barrier, High metal bond strength, One side CT	Bakery Products
42.	HST-1 (MDZ) MO CPP T090	0.9/1	Metalized, High Barrier, High metal bond strength, Suitable for Nitrogen flushing, Low SIT 90, One side CT	Bakery products, Biscuits

Engineered to Enhance **Shelf Life**





BOPET FILMS

Engineered to Enhance Shelf Life

BOPET Films

S. No.	Product Code	Microns	Product Description	Applications
PLAIN				
43.	PAF-1	6, 8, 10, 12, 15, 19, 23, 36, 50	Transparent film, one side CT. Good transparency.	Flexible packaging applications.
44.	PAF-0	6, 8, 10, 12, 15, 19, 23, 36, 50	Transparent film, Untreated. Good transparency.	
45.	MTF-1	12,15,19,23	Matte film, one side corona treated and other side untreated	Pet food and Tobacco
46.	HFF-1	12	Anti skid film, COF >0.75, one side corona treated and other side untreated	Pet food and Bulk packaging
CHEMICAL COATED				
47.	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.
48.	CPF-0		Transparent film, one side Copet coated & other side untreated. Excellent bond adhesion with Inks & adhesives	
49.	MAF-1	8, 10, 12, 15, 19 23, 36, 50	Transparent film, one side special chemical coated & otherside treated	Printing, lamination & metallization. Hot fill, Pasteurization, Sterilization & Retort application.
50.	MAF-0			
51.	MCF-0	12, 15, 19, 23	Matte film, one side chemical coated and other side untreated	Pet food and Tobacco
52.	C2001 (VT-P)	14	One side Velvet and other side corona treated	Luxury Flexible Packaging
EMBOSSABLE FILMS				
53.	EBF	13	One side embossable film and other side untreated.	Tack Seal and Food tray Sealing
LIDDING FILMS				
54.	HSF-0	12, 15, 19, 23, 30	Transparent one side heat sealable PET film	Tack Seal and Food tray Sealing
55.	TLID	30/41	Transparent Lidding film, One side Sealable and other side not treated.	Suitable for lidding application for all tray types APET, RPET, CPET, PVC, PP, HIPS. Dual ovenable
56.	TLID-AF	30	Transparent Lidding film with Antifog property, Antifog lidding films with sealent layer	
57.	MLID	30, 41	Metalized Lidding Film	
58.	PSF (AF)	25	Lidding film with Antifog property. Excellent dimensional stability. Excellent Peelable Sealing Property.	Suitable for lidding application for APET, RPET, CPET, PVC, Dual ovenable, Surface printable
ISOTROPIC FILM FOR LIDDING - TRANSPARENT				
59.	ITF-0	12, 19, 23, 36,50	Transparent film, both side UT. Balanced mechanical properties in all directions.	Designed for lidding applications.
60.	ITF-1	12, 19, 23, 36,50	Transparent film, both side CT. Balanced mechanical properties in all directions.	
61.	ITF-1 MO	12, 19, 23, 36,50	Metalized film, One side CT Balanced mechanical properties in all directions	
THICK FILM-TRANSPARENT				
62.	LHF-0	50, 75, 90, 100, 103, 114, 125	Low haze film, both side UT	Specially designed for twist wrap packaging of confectionery like candy and lollipops wrap application.
63.	LHF-1		Low haze film, one side CT	
64.	NHF-0		Normal haze film, both sides UT	
65.	NHF-1		Normal haze film, one side CT	
66.	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
RESLEASE FILM : TRANSPARENT				
67.	RLF-0	19, 23, 30, 36, 50	Transparent release film, both sides UT. High mechanical strength & durability	Specially designed for silicon coating application for better release.
TWIST WRAP FILM				
68.	TGF-0	15, 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.
69.	TGF-1	15, 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".	
70.	TGF-1 MO	15, 18, 20, 23	Metalized on corona treated surface. With (od 2.2) normal barrier. Excellent twist retention, Zero memory.	
YARN GRADE				
71.	YGF-0	12.5, 13, 13.5, 23, 36	Transparent film, both side UT. Excellent mechanical properties. Excellent thermal stability.	Tack Seal and Food tray Sealing
72.	YGF-1		Transparent film, One side CT, Excellent mechanical properties, Excellent thermal stability	Yarn film are used in plain as aell as metalized form (zari thread). Printing and Lamination.
BARRIER FILMS - METALIZED				
73.	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.
74.	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.	
75.	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.	
76.	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.
77.	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.	
78.	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.	
79.	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.
80.	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.	
81.	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.	



PET-G FILMS



Engineered to enhance Appeal

PET G High Shrink Films

S.No.	Properties	Ref.	Units	Tolerance	ASTM#/Test Method	HSPF-0					
	PHYSICAL DATA										
1.	Average Thickness		Micron	±5%	D-374-C	40	45	48	50	60	70
			Gauge			160	180	192	200	240	280
			Mils			1.6	1.8	1.9	2.0	2.4	2.8
2.	Density		g/cc	±0.02		1.27					
3.	Average Substance		g/m2			50.8	57.1	60.9	63.5	76.2	88.9
4.	Surface Tension	UT	Dynes/cm		D-2578	40-42					
5.	COF Static / Dynamic	Film/Film Film/Metal		±0.1	D-1894	0.50/0.45					
						0.35/0.30					
6.	Yield		m²/Kg	±5%	D-4321	19.69	17.50	16.40	15.75	13.12	11.24
			in²/lb			13843	12303	11530	11073	9224	7902
	OPTICAL DATA										
7.	Haze		%		D-1003	<5					
	MECHANICAL DATA										
8.	Tensile Strength	MD	Kg/cm²	±150	D-882	500	500	500	500	500	500
		TD		±500		3000	3000	3000	3000	3000	3000
9.	Elongation	MD	%	±100	D-882	500	500	500	500	500	500
		TD		±30		65	65	65	60	60	60
	THERMAL DATA										
8.	Boiling Water Shrinkage (At 98° C/30 sec)	MD	%	±2	CTM	2.0					
		TD		±3		78.0					

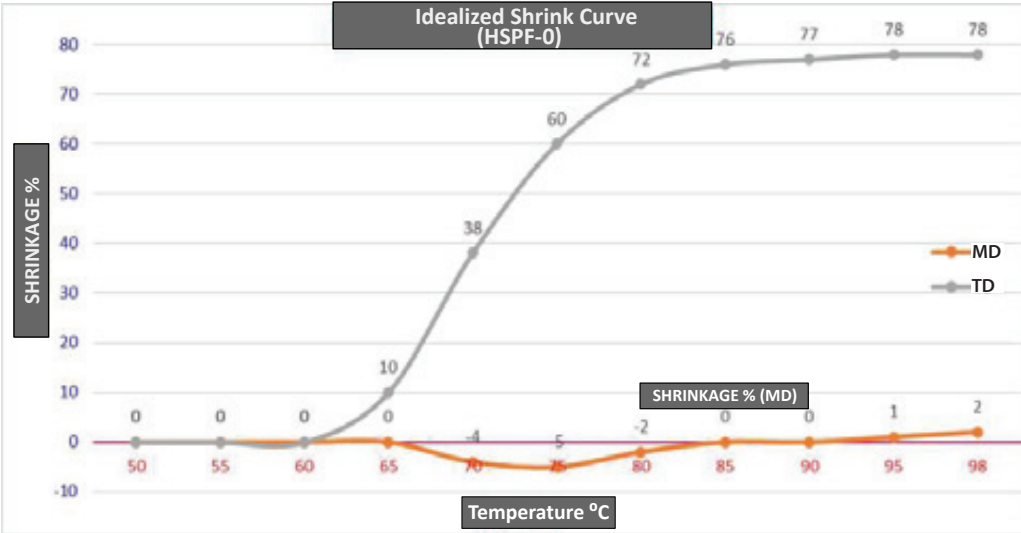
CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction BO : Untreated

- 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). **Can also be offered with 30% PCR content.**
- 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 as per Class 10,000.
- 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



PET G Low Shrink Force Film

S.No.	Properties	Ref.	Units	Tolerance	ASTM#/Test Method	HSPF-O-LSF		
	PHYSICAL DATA							
1.	Average Thickness		Micron	±5%	D-374-C	40	45	50
			Gauge			160	180	200
			Mils			1.6	1.8	2.0
2.	Density		g/cc	±0.02		1.27	1.27	1.27
3.	Average Substance		g/m²			50.8	57.15	63.5
4.	Surface Tension	UT	Dynes/cm		D-2578	40-42		
5.	Kinetic COF Static / Dynamic	A/B		±0.1	D-1894	0.50/0.45		
6.	Yield		m²/Kg	±5%	D-4321	19.69	17.50	15.75
			in²/lb			13843	12303	11066
	OPTICAL DATA							
7.	Haze		%		D-1003	<5	<5	<5
	MECHANICAL DATA							
8.	Tensile Strength	MD	Kg/cm²	±150	D-882	500		
		TD		±500		3000		
9.	Elongation	MD		±100	D-882	500		
		TD		±30		65		
	THERMAL DATA							
8.	Boiling Water Shrinkage (At 98° C/30 sec)	MD		±2	CTM	0.0		
		TD		±3		75.0		

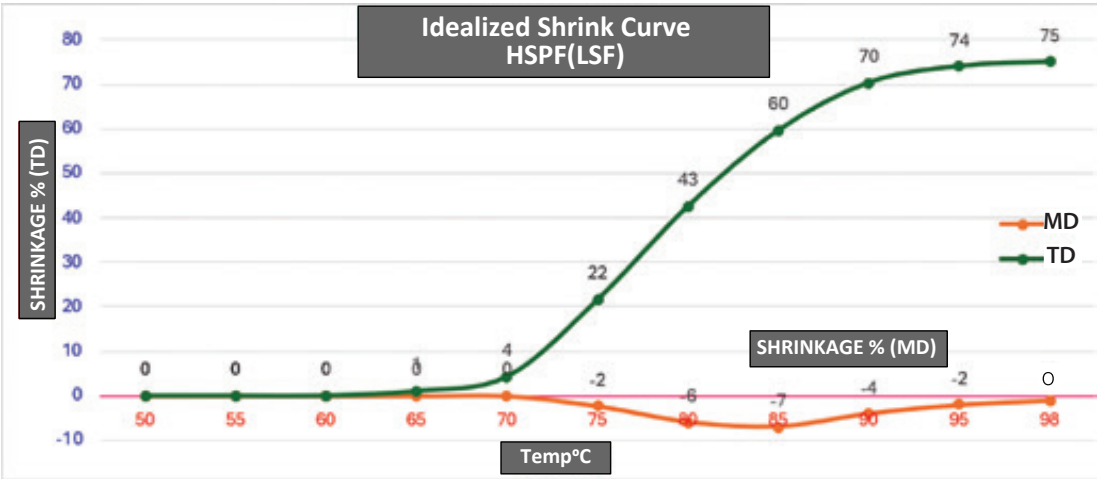
CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction BO : Untreated

- 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 as per Class 10,000.
- 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



Sustainable Shrink PET Film

S.No.	Properties	Ref.	Units	Tolerance	ASTM#/Test Method	CF-B0-SSPF		
	PHYSICAL DATA							
1.	Average Thickness		Micron	±5%	D-374-C	40	45	50
			Gauge			160	180	200
			Mils			1.6	1.8	2.0
2.	Density		g/cc	±0.02		1.27	1.27	1.27
3.	Average Substance		g/m²			50.8	57.15	63.5
4.	Surface Tension	UT	Dynes/cm		D-2578	40-42		
5.	Kinetic COF Static / Dynamic	Film/Film		±0.1	D-1894	0.50/0.45		
		Film/Metal		±0.5		0.30/0.25		
6.	Yield		m²/Kg	±5%	D-4321	19.69	17.50	15.75
			in²/lb			13843	12303	11073
	OPTICAL DATA							
7.	Haze		%		D-1003	<5	<5	<5
	MECHANICAL DATA							
8.	Tensile Strength	MD	Kg/cm²	±150	D-882	450	450	450
		TD		±500		2500	2500	2500
9.	Elongation	MD	%	±100	D-882	450	450	450
		TD		±30		60	60	60
	THERMAL DATA							
8.	Boiling Water Shrinkage (At 98° C/30 sec)	MD	%	±2	CTM	2.0		
		TD		±3		75.0		

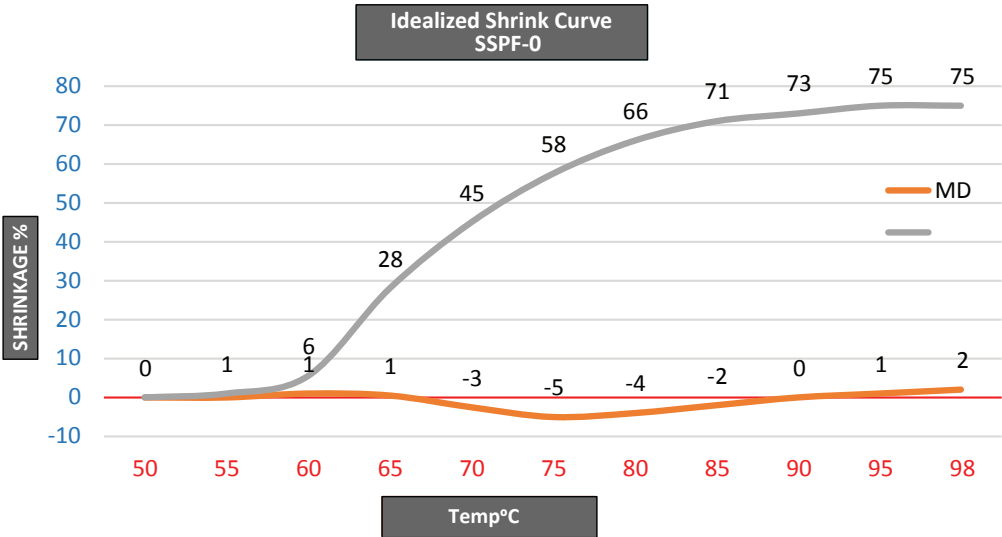
CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction B0 : Untreated

- 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 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 as per Class 10,000.
- 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





 **MANUFACTURING FACILITIES**
India: 4

 **SALES OFFICES**
India: 6 | US: 1 | Germany: 1
Japan: 1 | Korea: 1

 **CUSTOMER FOOTPRINTS**
100+ Countries

 **WAREHOUSES**
Canada: 1 | US: 7 | Korea: 1 | Japan: 1
Germany: 2 | Mexico: 1

CORPORATE OFFICE

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COSMO FILMS, NETHERLANDS HOLDING BV

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INDIA MANUFACTURING FACILITIES

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Chhatrapati Sambhajnagar- 431136
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Maharashtra

VADODARA

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District: Vadodara, Gujarat - 391240
Ph: +91 2666 669669

 **COSMO FILMS**
Engineered to Enhance