

F-PBB

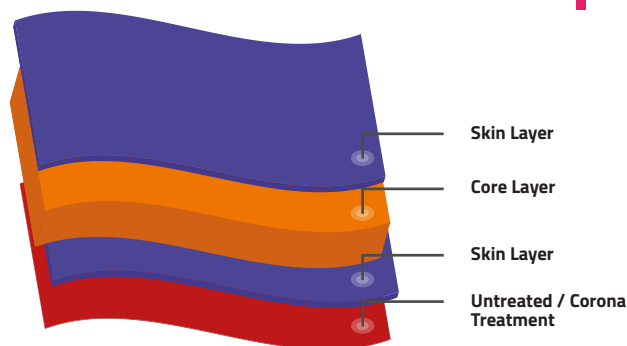
BOPET FILM FOR COOK-IN-BAG APPLICATION

F-PBB is a transparent BOPET film. The Film is one side corona treated or both side untreated.

KEY FEATURES:

- Very good clarity & transparency
- Excellent machinability & handling properties
- Corona treated side provide good adhesion with many types of inks & adhesive

FILM STRUCTURE



APPLICATION:

- Printing & lamination
- Cooking bags

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	19	23
			(Gauge)	48	76	92
YIELD		Internal	m² / kg	59.52	37.59	31.05
			in² /lb	41934	26483	21876
SURFACE TENSION (min) # (Corona treated Side)		ASTM D-2578	dyne/cm	52		
COF (max) (One side to the other side)		ASTM D-1894	-	0.55		
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1900
	TD			2000	2000	2000
	MD		(Psi)	27000	27000	27000
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105	110	115
	TD			85	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
W.V.T.R. (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	45	35	30
			(gm/100 in²/day)	2.9	2.3	2.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	130	90	80
			(cc/100 in²/day)	8.5	5.8	5.2

The inherent surface tension of the untreated side of any Pet film is minimum 42 dyne/cm

STORAGE & HANDLING

SELEXIBLE need to be stored in a warehouse below 35°C (95° F) and should not be exposed to direct sunlight, bright light sources or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from date of shipment.

FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade application. Specific document and SDS are available on request.

DISCLAIMER

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F-ALC

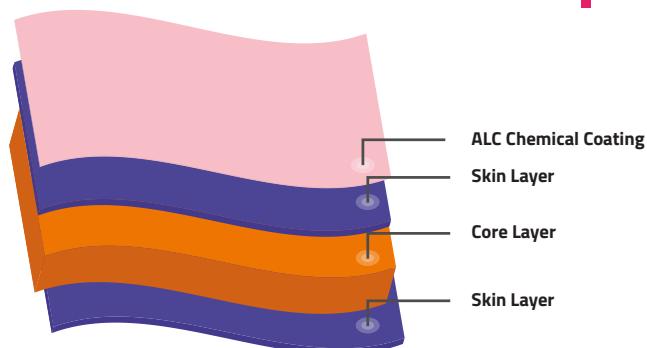
LOW COF BOPET FILM

F-ALC is a transparent BOPET film. The film is one side ALC Chemical Coated and other side Untreated.

KEY FEATURES:

- Very good transparency & clarity
- Excellent surface and good handling properties
- Excellent machinability & dimensional stability
- Specially designed for low COF
- Eco Friendly Characteristics

FILM STRUCTURE



APPLICATION:

- Flexible packaging application/easy slip
- Solvent & water base coating

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	15	19	23
			(Gauge)	40	48	60	76	92
YIELD		Internal	m ² / kg	71.42	59.52	47.62	37.59	31.05
			in ² /lb	50318	41934	33550	26483	21876
SURFACE TENSION (min) # (ALC Chemical coated Side)		ASTM D-2578	dyne/cm	48				
COF (max) (One side to the other side)		ASTM D-1894	-	0.33				
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1900
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	105	110	115
	TD			80	85	85	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	40	35	30
			(gm/100 in ² /day)	3.2	2.9	2.6	2.3	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	110	90	80
			(cc/100 in ² /day)	10.1	8.5	7.1	5.8	5.2

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F-HHZ

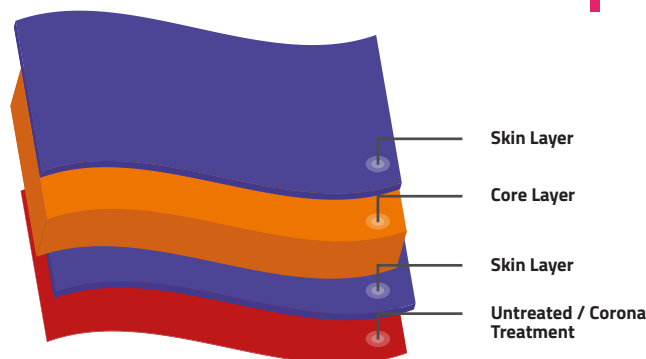
HIGH HAZE BOPET FILM

F-HHZ is a Transparent high haze BOPET film. The Film is both side untreated or one side corona treated.

KEY FEATURES:

- One side treated special surface for adhesive coating
- High stiffness
- Excellent Machinability & Handling properties

FILM STRUCTURE



APPLICATION:

- Adhesive tape
- Extrusion coating & Lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	19	23	36	50
			(Gauge)	76	92	144	200
YIELD		Internal	m² / kg	37.59	31.05	19.84	14.28
			in² /lb	26483	21876	13978	10060
SURFACE TENSION (min) # (Corona Treated Side)		ASTM D-2578	dyne/cm	52			
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.45	0.45	0.45
HAZE (min)		ASTM D-1003	%	8.0	10.0	12.0	14.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1750	1750
	TD			2000	2000	2000	2000
	MD		(Psi)	27000	27000	25000	25000
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115	120	125
	TD			85	90	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
W.V.T.R. (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	35	30	20	16
			(gm/100 in²/day)	2.3	2.0	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	90	80	70	45
			(cc/100 in²/day)	5.8	5.2	4.5	2.9

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F-DPA

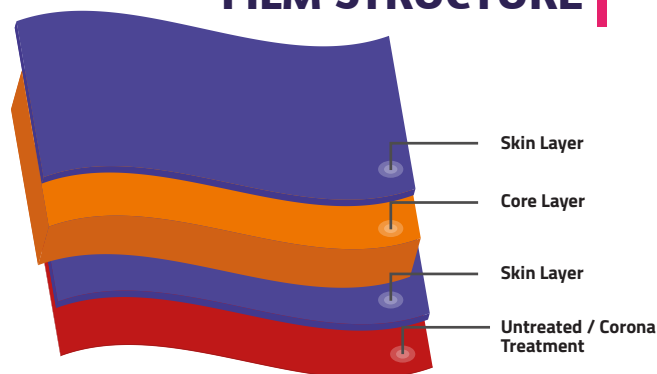
DAIRY PRODUCT APPLICATION FILM

F-DPA is a transparent BOPET film. It is one side Corona Treated or both side Untreated.

KEY FEATURES:

- Very good gloss & clarity
- Excellent surface and good handling properties
- Excellent machinability & dimensional stability
- Excellent mechanical properties

FILM STRUCTURE



APPLICATION:

- Metallization
- Dairy Product Application

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	23	36
			(Gauge)	92	144
YIELD		Internal	m² / kg	31.05	19.84
			in² /lb	21876	13978
SURFACE TENSION (min) # (Corona Treated Side)		ASTM D-2578	dyne/cm	52	
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.45
HAZE (max)		ASTM D-1003	%	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	2000	2000
	TD			2200	2200
	MD		(Psi)	28500	28500
	TD			31250	31250
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	120	140
	TD			110	130
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.0	
	TD			1.0	
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	30	20
			(gm/100 in²/day)	2.0	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	80	70
			(cc/100 in²/day)	5.2	4.5

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STORAGE & HANDLING

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F-RLS

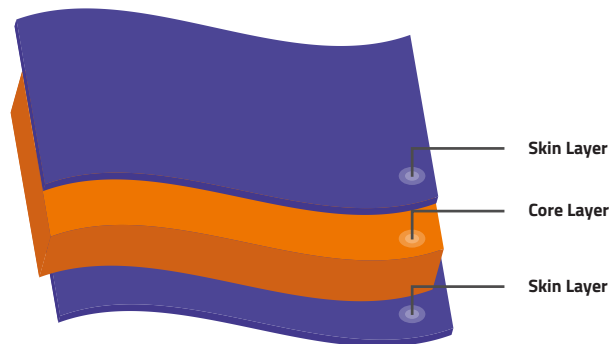
BOPET FILM FOR RELEASE APPLICATION

F-RLS is a transparent polyester film. It is both side untreated.

KEY FEATURES:

- Excellent release properties
- Excellent machinability & handling properties
- Low friction
- Good dimensional stability

FILM STRUCTURE



APPLICATION:

- This grade of film is used in fiber-reinforced plastics and glass-reinforced plastics
- Release application
- Cold seal application

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	19	23	36	50
			(Gauge)	76	92	144	200
YIELD		Internal	m ² / kg	37.59	31.05	19.84	14.28
			in ² / lb	26483	21876	13978	10060
COF (max) (One side to the other side)		ASTM D-1894	-	0.45	0.45	0.45	0.45
HAZE (min)		ASTM D-1003	%	5.0	6.0	9.0	12.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1750	1750
	TD			2000	2000	2000	2000
	MD		(Psi)	27000	27000	25000	25000
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115	120	125
	TD			90	90	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	35	30	20	16
			(gm/100 in ² /day)	2.3	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	90	80	70	45
			(cc/100 in ² /day)	5.8	5.2	4.5	2.9

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