

F-ESB

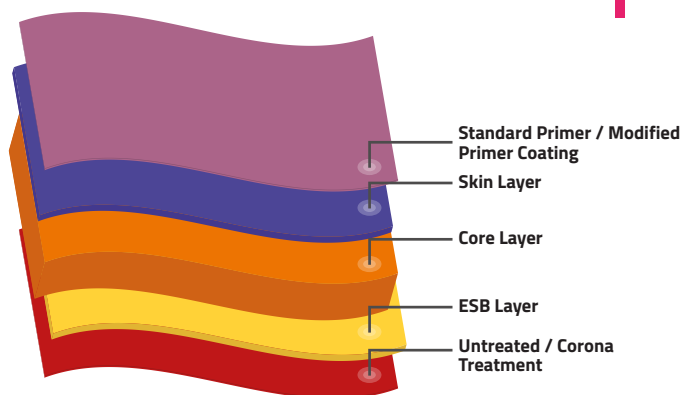
EASY STACKABLE FILM

F-ESB is a transparent BOPET film. The film is either one side Untreated "Functional" surface or Corona treated with the other side being Standard Primer Coated or Modified Primer Coated.

KEY FEATURES:

- Excellent machinability & good handling properties
- Specially modified functional surface is designed to prevent stacked bags from slipping in storage or during palletization
- High clarity
- Primer coating provides excellent adhesion with inks & adhesives

FILM STRUCTURE



APPLICATION:

- Printing & Lamination
- Easy stacking of bags & pouches

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	12	23
			(Gauge)	48	92
YIELD		Internal	m ² / kg	59.52	31.05
			in ² /lb	41934	21876
SURFACE TENSION (min) # (Modified Primer Coated Surface) (Standard Primer Coated Surface) (Corona Treated Surface)		ASTM D-2578	dyne/cm	52	
				40	
				52	
COF (max) (FL (UT) / FL (UT)) "High COF Surface" (AU/AU or AT/AT) (FL/AU or FL/AT)		ASTM D-1894	-	1.0	
				0.45	
				0.50	
HAZE (max)		ASTM D-1003	%	1.5	1.8
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900
	TD			2000	2000
	MD		(Psi)	27000	27000
	TD			28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105	115
	TD			85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0	
	TD			1.0	
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	30
			(gm/100 in ² /day)	2.9	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	80
			(cc/100 in ² /day)	8.5	5.2

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-ESC

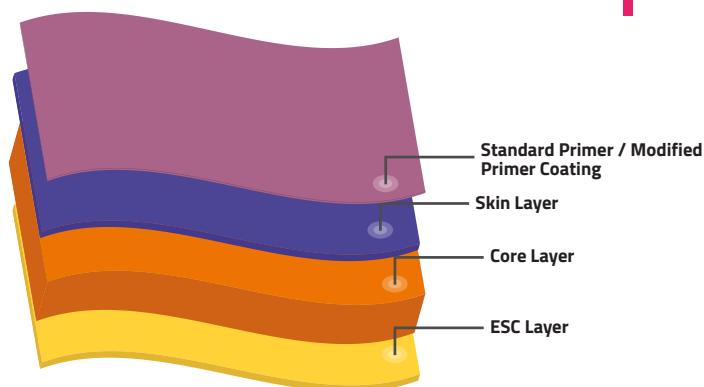
CONTROLLED SLIP FILM

F-ESC is a transparent BOPET film. The film is an Untreated "Functional" surface with the other surface being Standard Primer coated or Modified Primer Coated. Specially Modified functional Surface for less COF than F-ESB.

KEY FEATURES:

- Excellent machinability & good handling properties
- Specially modified functional surface is designed to prevent stacked bags from slipping in storage or during palletization
- Primer coating provides excellent adhesion with inks & adhesives
- High clarity

FILM STRUCTURE



APPLICATION:

- Printing & Lamination
- Bags & Pouches

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	12	23
			(Gauge)	48	92
YIELD		Internal	m ² / kg	59.52	31.05
			in ² /lb	41934	21876
SURFACE TENSION (min)# (Modified primer coated surface) (Standard primer coated surface)		ASTM D-2578	dyne/cm	52	
				40	
COF (max) (FL (UT) / FL (UT)) "High COF Surface" (AU/AU or AT/AT) (FL/AU or FL/AT)		ASTM D-1894	-	0.60 - 0.80	
				0.30 - 0.45	
				0.30 - 0.45	
HAZE (max)		ASTM D-1003	%	1.5	1.8
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900
	TD			2000	2000
	MD		(Psi)	27000	27000
	TD			28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105	115
	TD			85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0	
	TD			1.0	
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	30
			(gm/100 in ² /day)	2.9	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	80
			(cc/100 in ² /day)	8.5	5.2

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China

✉ sale@selexible.cn
www.selexibleplastic.com

F-HBS

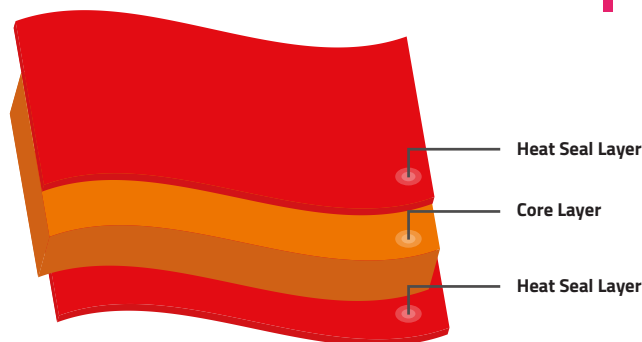
BOTH SIDE HEAT SELABLE BOPET FILM

F-HBS is a co-extruded both side sealable BOPET film.

KEY FEATURES:

- Very good clarity & transparency
- Excellent machinability & handling properties
- Seal to itself, APET, CPET & PVDC
- Does Not seal against PE, PP & PS

FILM STRUCTURE



APPLICATION:

- Lap seal application
- Flexible tube sealing
- The film can be used in flexible packaging and industrial applications.

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	12
			(Gauge)	48
YIELD		Internal	m² / kg	59.5
			in² /lb	41934
SURFACE TENSION (min) # (Heat Seable side)		ASTM D-2578	dyne/cm	48
COF (max) (Seable side to Seable Side)		ASTM D-1894	-	0.80
HAZE (max)		ASTM D-1003	%	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1700
	TD			1900
	MD		(Psi)	24200
	TD			27000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110
	TD			85
HEAT SEAL TEMP. RANGE (service temp.)	FIN SEAL	Internal	°C	110 - 200
SEAL STRENGTH (120°C, 1 sec, 2.8 bar)	FIN SEAL	ASTM D-882	gms/25mm	A/A=350
				B/B=350
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
			(gm/100 in²/day)	2.9
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	130
			(cc/100 in²/day)	8.5

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-HLS

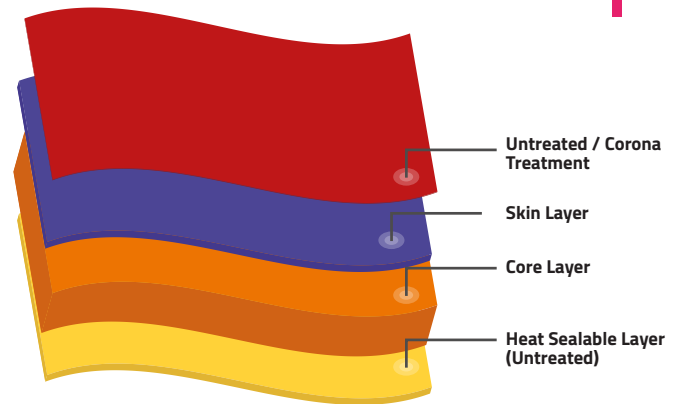
HEAT SEALABLE FILM

F-HLS is a co-extruded BOPET film. The film is one side Heat Sealable with other side either Corona Treated or Untreated.

KEY FEATURES:

- High clarity
- Excellent machinability & handling properties
- Seals to itself, APET, CPET, & PVDC
- Does not seal against PE, PP, or PS
- Designed to have a thicker coat weight & higher seal strength than F-HSP

FILM STRUCTURE



APPLICATION:

- Tack seal application
- Food tray sealing

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	12
			(Gauge)	48
YIELD		Internal	m ² / kg	59.52
			in ² /lb	41934
SURFACE TENSION (min)# (Heat Sealable Surface) (Corona Treated Surface)		ASTM D-2578	dyne/cm	52
COF (max) (Heat Sealable to Untreated Surface) (Heat Sealable to Corona Treated Surface)		ASTM D-1894	-	0.50
				0.60
HAZE (max)		ASTM D-1003	%	4.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700
	TD			1900
	MD		(Psi)	24200
	TD			27000
ELONGATION AT BREAK	MD	ASTM D-882	%	115
	TD			85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0
	TD			1.0
HEAT SEAL TEMP. RANGE		Internal	°C	110-200
SEAL STRENGTH (260 °F,1 sec,40psi)	FIN SEAL	ASTM D-882	gm/25mm	550
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45
			(gm/100 in ² /day)	2.9
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130
			(cc/100 in ² /day)	8.5

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-HSP

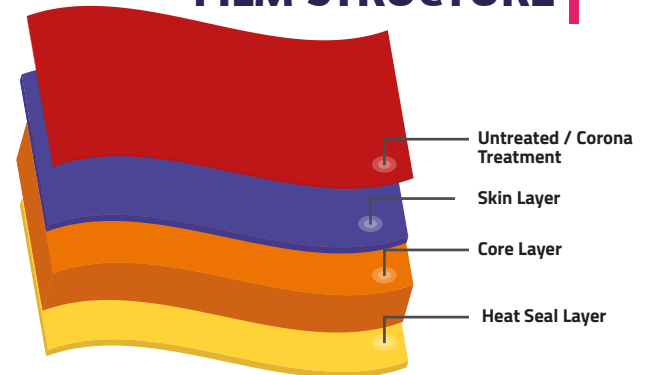
HEAT SEALABLE FILM

F-HSP is a co-extruded polyester film. The film is one side Heat Sealable with other side either Corona Treated or Untreated.

KEY FEATURES:

- High clarity
- Excellent machinability & handling properties
- Seals to itself, APET, CPET, & PVDC (Corona Treated to Heat Seal Surface)
- Does not seal against PE, PP, or PS

FILM STRUCTURE



APPLICATION:

- Tack seal application
- Food tray sealing

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES						
THICKNESS		Internal	Micron	12	15	20	23	25	30	50
			(Gauge)	48	60	80	92	100	120	200
YIELD		Internal	m ² / kg	59.52	47.62	35.70	31.05	28.57	23.80	14.28
			in ² /lb	41934	33550	25159	21876	20126	16768	10060
SURFACE TENSION (min)# (Corona Treated Surface)		ASTM D-2578	dyne/cm	52						
COF (max) (Untreated to Heat Sealable Surface) (Corona Treated to Heat Seal Surface)		ASTM D-1894	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50
				0.60	0.60	0.60	0.60	0.60	0.60	0.60
HAZE (max)		ASTM D-1003	%	4.5	4.5	4.5	5.0	5.0	5.5	6.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1600	1600	1600	1600	1600
	TD			1900	1900	2000	2000	2000	2000	2000
	MD		(Psi)	24200	24200	22700	22700	22700	22700	22700
	TD			27000	27000	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	115	115	120	120	120	120	125
	TD			85	85	90	90	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0						
	TD			1.0						
HEAT SEAL TEMP. RANGE		Internal	°C	110-200	110-200	120-200	120-200	120-200	120-200	120-200
SEAL STRENGTH (120°C, 1 sec. 2.8 bar)	FIN SEAL	ASTM D-882	gm/25mm	400	500	600	700	750	800	1000
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	40	35	30	30	25	16
			(gm/100 in ² /day)	2.9	2.6	2.3	2.0	2.0	1.6	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	110	90	80	80	75	45
			(cc/100 in ² /day)	8.5	7.1	5.8	5.2	5.2	4.8	2.9

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-HSP-S

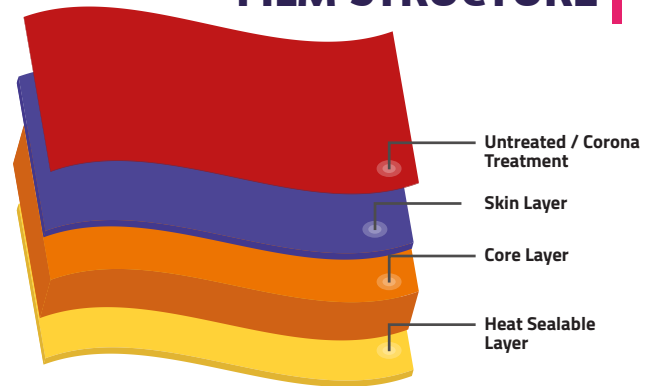
LOW COF HEAT SEALABLE FILM

F-HSP-S is a co-extruded BOPET film. The film is one side Heat Sealable with other side either Corona Treated or Untreated.

KEY FEATURES:

- High clarity
- Excellent machinability & handling properties
- Seals to itself, APET, CPET, & PVDC
- Does not seal against PE, PP, or PS

FILM STRUCTURE



APPLICATION:

- Tack seal application
- Food tray sealing

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES					
THICKNESS		Internal	Micron	12	15	20	23	30	50
			(Gauge)	48	60	80	92	120	200
YIELD		Internal	m ² / kg	59.52	47.62	35.70	31.05	23.80	14.28
			in ² /lb	41934	33550	25159	21876	16768	10060
SURFACE TENSION (min) # (Corona Treated Surface)		ASTM D-2578	dyne/cm	52					
COF (max) (One side to the other side) (Heat Sealable to Heat Seal Surface)		ASTM D-1894	-	0.35	0.35	0.35	0.35	0.35	0.35
				0.50	0.50	0.50	0.50	0.50	0.50
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.5	5.0	5.5	6.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1600	1600	1600	1600
	TD			1900	1900	2000	2000	2000	2000
	MD		(Psi)	24200	24200	22700	22700	22700	22700
	TD			27000	27000	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	115	115	120	120	120	125
	TD			85	85	90	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0					
	TD			1.0					
HEAT SEAL TEMP. RANGE		Internal	°C	110-200	110-200	120-200	120-200	120-200	120-200
SEAL STRENGTH (120°C,1 sec,2.8 bar)	FIN SEAL	ASTM D-882	gm/25mm	400	500	600	700	800	1000
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	40	35	30	25	16
			(gm/100 in ² /day)	2.9	2.6	2.3	2.0	1.6	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	110	90	80	75	45
			(cc/100 in ² /day)	8.5	7.1	5.8	5.2	4.8	2.9

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-HSP-U1

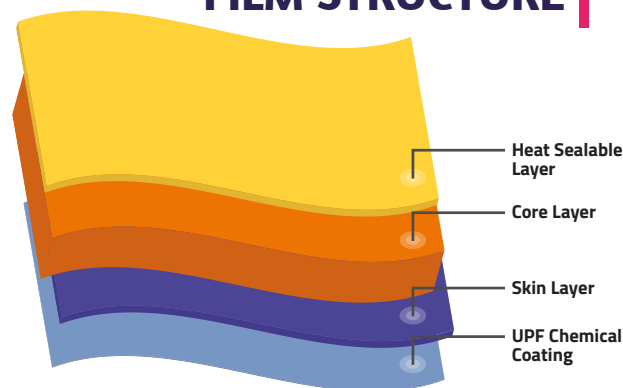
CHEMICAL COATED HEAT SEALABLE FILM

F-HSP-U1 is a co-extruded BOPET film. The film is Heat Sealable on one side with the other side UPF Chemical Coated.

KEY FEATURES:

- One side special modified heat seal functional surface has excellent heat seal strength
- Good handling properties with excellent metal adhesion
- Seals to itself, APET, CPET, & PVDC
- Does not seal against PE, PP, or PS

FILM STRUCTURE



APPLICATION:

- Lidding & Laminate
- Flexible Packaging
- Food tray applications

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	20	23
			(Gauge)	48	80	92
YIELD		Internal	m ² / kg	59.52	35.70	31.05
			in ² /lb	41934	25159	21876
SURFACE TENSION (min) # (Chemical Coated Surface)		ASTM D-2578	dyne/cm	48		
COF (max) (One side to the other side)		ASTM D-1894	-	0.60	0.60	0.60
HAZE (max)		ASTM D-1003	%	4.0	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1600	1600
	TD			1900	2000	2000
	MD		(Psi)	24200	22700	22700
	TD			27000	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	115	120	120
	TD			85	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
HEAT SEAL TEMP. RANGE		Internal	°C	110-200	120-200	120-200
SEAL STRENGTH (120°C, 1 sec, 2.8 bar)	FIN SEAL	ASTM D-882	gm/25mm	400	600	700
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	35	30
			(gm/100 in ² /day)	2.9	2.3	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	90	80
			(cc/100 in ² /day)	8.5	5.8	5.2

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-ISC

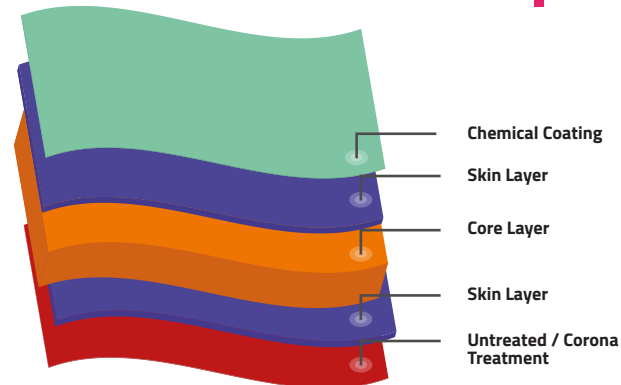
ISOTROPIC CHEMICAL COATED FILM

F-ISC is a transparent BOPET film. The film is one side Chemically Coated & one side Untreated or Corona Treated.

KEY FEATURES:

- High clarity
- Primer coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- Excellent metal adhesion on the Chemically Coated side
- Not suitable for hot fill, sterilization, or pasteurization
- Balanced mechanical properties in all directions

FILM STRUCTURE



APPLICATION:

- Converting, Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures
- Lidding application on dairy products

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUES
THICKNESS	Internal	Micron	12
		(Gauge)	48
YIELD	Internal	m ² / kg	59.52
		in ² / lb	41934
SURFACE TENSION (min) # (Corona Treated surface) (Chemical Coated surface)	ASTM D-2578	dyne/cm	52
			60
COF (max) (One side to other side)	ASTM D-1894	-	0.50
HAZE (max)	ASTM D-1003	%	4.0
TENSILE STRENGTH AT BREAK (min)	MD	kg/cm ²	1800
	TD		1900
	MD	(Psi)	25500
	TD		27000
ELONGATION AT BREAK (min)	MD	%	110
	TD		95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	%	3.0
	TD		1.0
MVTR (38°C & 90% RH) (typical)	ASTM F-1249	gm/m ² /day	45
		(gm/100 in ² /day)	2.9
OTR (23°C & 0% RH) (typical)	ASTM D-3985	cc/m ² /day	130
		(cc/100 in ² /day)	8.5

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

STORAGE & HANDLING

SELEXIBLE needs to be stored in a closed 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

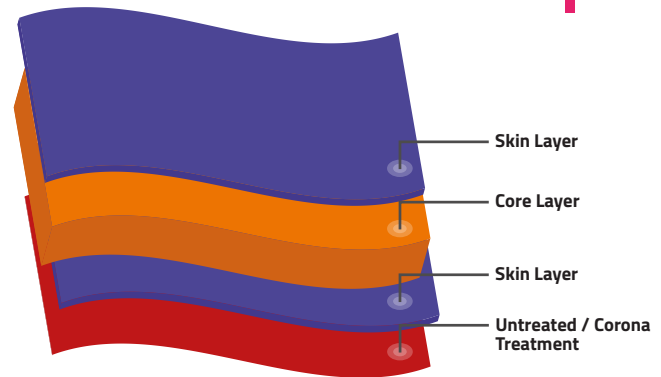
F-IST ISOTROPIC FILM

F-IST is a transparent BOPET film. The film has one side Untreated with the other side being Corona Treated or both sides Untreated.

KEY FEATURES:

- Excellent clarity
- Corona treatment improves bonding
- Improved tensile & elongation properties
- Excellent machinability & handling properties
- Balanced mechanical properties in all directions

FILM STRUCTURE



APPLICATION:

- Paper Lamination
- This film grade is ideal for lidding applications on dairy products

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	23	36
			(Gauge)	48	92	144
YIELD		Internal	m² / kg	59.52	31.05	19.84
			in² /lb	41934	21876	13978
SURFACE TENSION (min) # (Corona Treated)		ASTM D-2578	dyne/cm	52		
COF (max) (Untreated to Corona Treated)		ASTM D-1894	-	0.50	0.50	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1800	1800	1700
	TD			1900	1900	1900
	MD		(Psi)	25500	25500	24200
	TD			27000	27000	27000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	120	130
	TD			95	100	100
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	45	30	20
			(gm/100 in²/day)	2.9	2.0	1.3
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	130	80	70
			(cc/100 in²/day)	8.5	5.2	4.5

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied.

The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects.

Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
Fengxiang Rd, Wujin District,
Changzhou City, Jiangsu, China
✉ sale@selexible.cn
www.selexibleplastic.com

F-MAT

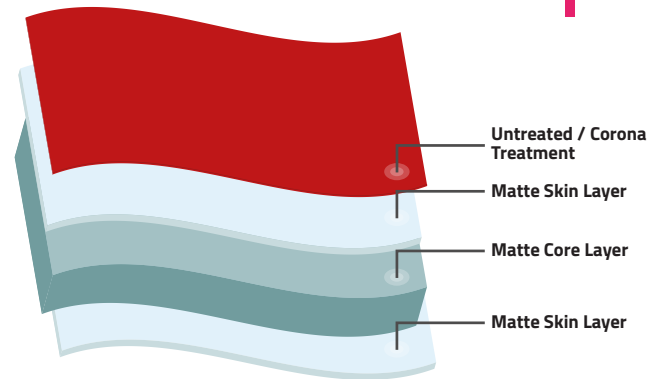
MATTE FILM

F-MAT is a matte effect BOPET film. The film is either both sides Untreated or one side Untreated with the other side being Corona Treated.

KEY FEATURES:

- Excellent matte effect
- Corona Treatment improves bonding
- Excellent machinability & handling properties
- Good stiffness

FILM STRUCTURE



APPLICATION:

- Thermal Lamination
- Label Application
- Conversion Application
- Board Lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	12	15	19	23
			(Gauge)	48	60	76	92
YIELD		Internal	m ² / kg	59.52	47.62	37.59	31.05
			in ² / lb	41934	33548	26483	21876
SURFACE TENSION (min) # (Corona Treated Surface)		ASTM D-2578	dyne/cm	52			
COF (max) (Untreated to Untreated) (Untreated to Corona Treated)		ASTM D-1894	-	0.45	0.45	0.45	0.45
				0.50	0.50	0.50	0.50
HAZE (min)		ASTM D-1003	%	40	40	45	45
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1700	1600
	TD			2000	2000	2000	2000
	MD		(Psi)	24200	24200	24200	22700
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	110	120	130
	TD			75	75	80	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	40	35	30
			(gm/100 in ² /day)	2.9	2.6	2.3	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	110	90	80
			(cc/100 in ² /day)	8.5	7.1	5.8	5.2

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-MAU

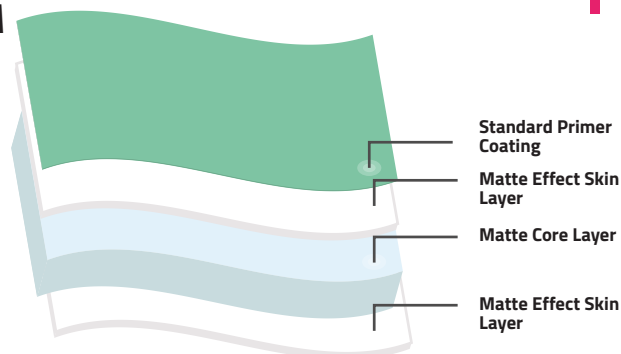
STANDARD PRIMER COATED MATTE BOPET FILM

F-MAU is a matt effect polyester film. It is one side Standard Primer coating and other side untreated.

KEY FEATURES:

- Very good matt effect
- One side chemical primer provide excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- Good stiffness

FILM STRUCTURE



APPLICATION:

- Board lamination
- Thermal application
- Label & conversion application

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	19	23
			(Gauge)	48	76	92
YIELD		Internal	m ² / kg	59.52	37.59	31.05
			in ² /lb	41934	26483	21876
SURFACE TENSION (min) # (Standard Primer Coated Surface)		ASTM D-2578	dyne/cm	40		
COF (max) (One side to the other side)		ASTM D-1894	-	0.45		
HAZE (min)		ASTM D-1003	%	40	45	45
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1600
	TD			2000	2000	2000
	MD		(Psi)	24200	24200	22700
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	120	130
	TD			75	80	85
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	45	35	30
			(gm/100 in ² /day)	2.9	2.3	2.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	90	80
			(cc/100 in ² /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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-MCH

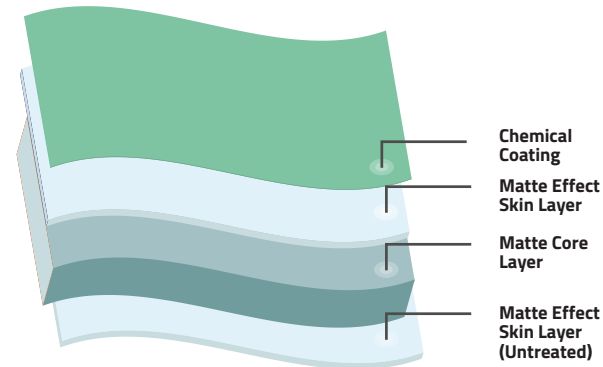
CHEMICAL COATED MATTE FILM

F-MCH is a matte effect BOPET film. The film is Chemical Coated on one side and Untreated on the other side.

KEY FEATURES:

- Excellent matte effect
- Chemical Coating provides excellent adhesion with various inks and adhesives
- Excellent machinability & handling properties
- Good stiffness

FILM STRUCTURE



APPLICATION:

- Board Lamination
- Label Application
- Conversion Application
- Thermal Application

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	19	23
			(Gauge)	48	76	92
YIELD		Internal	m ² / kg	59.52	37.59	31.05
			in ² /lb	41934	26483	21876
SURFACE TENSION (min) # (Chemical Coated Surface)		ASTM D-2578	dyne/cm	60		
COF (max) (Untreated to Chemical Coated)		ASTM D-1894	-	0.45	0.45	0.45
HAZE (min)		ASTM D-1003	%	40	45	45
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1600
	TD			2000	2000	2000
	MD		(Psi)	24200	24200	22700
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	120	130
	TD			75	80	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	35	30
			(gm/100 in ² /day)	2.9	2.3	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	90	80
			(cc/100 in ² /day)	8.5	5.8	5.2

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-MES

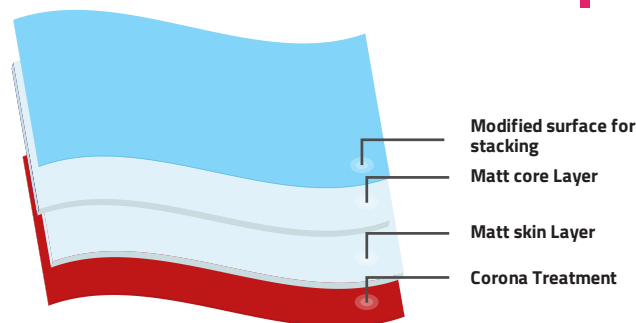
EASY STACKABLE MATTE EFFECT BOPET FILM

F-MES is a matt effect polyester film. It is one side Matt corona treated surface other side glossy Untreated surface.

KEY FEATURES:

- High Coefficient of Friction
- Excellent machinability & handling properties
- One side special modified surface for stacking of bags to prevent from slippage in storage or palletization, Other side corona treatment provide good adhesion with inks & adhesives
- Very good matt effect

FILM STRUCTURE



APPLICATION:

- Printing & lamination
- Bag & pouch

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	12
			(Gauge)	48
YIELD		Internal	m² / kg	59.52
			in² /lb	41934
SURFACE TENSION (min) # (Corona treated Side)		ASTM D-2578	dyne/cm	52
COF (max) (One side to the other side)		ASTM D-1894	-	0.70
HAZE (max)		ASTM D-1003	%	35
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900
	TD			2000
	MD		(Psi)	27000
	TD			28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110
	TD			80
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
			(gm/100 in²/day)	2.9
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	130
			(cc/100 in²/day)	8.5

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-MHS

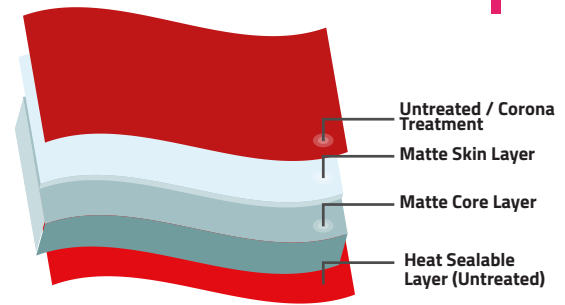
MATTE HEAT SEALABLE FILM

F-MHS is a co-extruded matte effect BOPET film. The film is one side Untreated Heat Sealable Surface with other side either Corona Treated or Untreated.

KEY FEATURES:

- Excellent matte effect
- Corona Treatment improves bonding
- Excellent machinability & handling properties
- Seals to itself, APET, CPET & PVDC
- Does not seal against PE, PP or PS

FILM STRUCTURE



APPLICATION:

- Tack Seal application
- Food tray sealing
- Conversion Application
- Board Lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	19	23
			(Gauge)	48	76	92
YIELD		Internal	m ² / kg	59.52	37.59	31.05
			in ² /lb	41934	26483	21876
SURFACE TENSION (min) # (Corona Treated surface)		ASTM D-2578	dyne/cm	52		
COF (max) (Untreated to Untreated) (Untreated to Corona Treated)		ASTM D-1894	-	0.50	0.50	0.50
				0.60	0.60	0.60
HAZE (min)		ASTM D-1003	%	40	45	45
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1600
	TD			2000	2000	2000
	MD		(Psi)	24200	24200	22700
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	120	130
	TD			75	80	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
HEAT SEAL TEMP. RANGE		Internal	°C	110-200	120-200	120-200
SEAL STRENGTH (120°C, 1 sec, 2.8 bar) FIN SEAL		ASTM D-882	gms / 25 mm	400	500	600
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	35	30
			(gm/100 in ² /day)	2.9	2.3	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	90	80
			(cc/100 in ² /day)	8.5	5.8	5.2

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-MUF

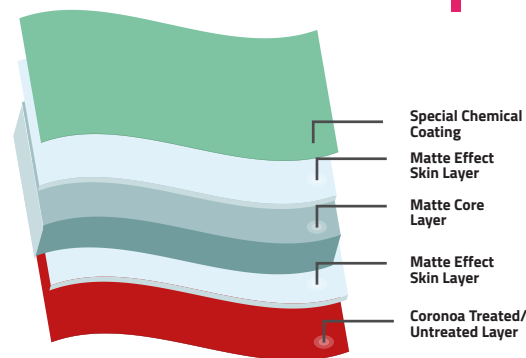
MATTE POLYESTER FILM

F-MUF is a matte BOPET film. It is one side special Chemical Coated with the other side being Untreated or corona treated

KEY FEATURES:

- Very good matte effect
- Special Chemical Coating provides excellent adhesion with inks and adhesives
- Excellent machinability & handling properties
- Good stiffness

FILM STRUCTURE



APPLICATION:

- Board Lamination
- Label and Conversion application
- Hot Fill, Pasteurization, Sterilization & Retort application up to 121°C/30 min**
- Thermal Application

** Selection of specific ink & adhesive designed for Retort application

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	19	23	50
			(Gauge)	40	48	76	92	200
YIELD		Internal	m ² / kg	71.42	59.52	37.59	31.05	14.28
			in ² /lb	50318	41934	26483	21876	10060
SURFACE TENSION (min) # (Special Chemical Coated Surface)		ASTM D-2578	dyne/cm	48				
COF (max) (one side to other side)		ASTM D-1894	-	0.45				
HAZE (min)		ASTM D-1003	%	40	40	45	45	70
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1700	1600	1500
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	24200	24200	24200	22700	21300
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	110	120	130	200
	TD			75	75	80	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	35	30	16
			(gm/100 in ² /day)	3.2	2.9	2.3	2.0	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	90	80	45
			(cc/100 in ² /day)	10.1	8.5	5.8	5.2	2.9

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

STORAGE & HANDLING

SELEXIBLE needs to be stored in a closed 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-MTG

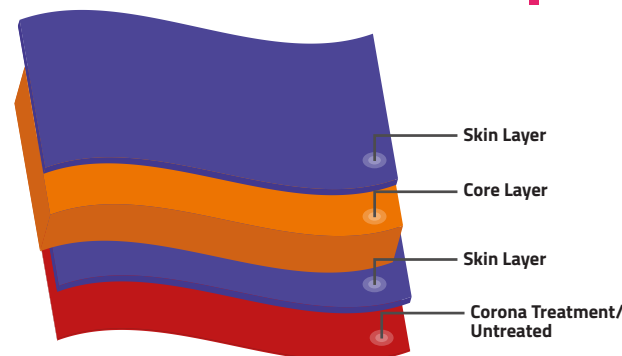
METALLIZING GRADE FILM

F-MTG is a transparent BOPET film. The film is either both sides Untreated or one side Corona Treated with the other side Untreated.

KEY FEATURES:

- Excellent clarity
- High surface energy on treated side gives good metal adhesion
- Excellent machinability & handling properties
- Very good gloss after metallization
- Corona treatment improves bonding

FILM STRUCTURE



APPLICATION:

- Vacuum metallization
- Used as a barrier substrate in laminate after metallization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES								
THICKNESS		Internal	Micron	9	10	11	12	15	19	23	36	50
			(Gauge)	36	40	44	48	60	76	92	144	200
YIELD		Internal	m² / kg	79.36	71.42	64.93	59.52	47.62	37.59	31.05	19.84	14.28
			in² /lb	55912	50318	45745	41934	33550	26483	21876	13978	10060
SURFACE TENSION (min) # (Corona side)		ASTM D-2578	dyne/cm	52								
COF (max) (Corona Treated to Untreated) (Untreated to Untreated)		ASTM D-1894	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.45	0.45
				0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.5	4.5	5.0	5.0	6.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1900	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	100	100	105	105	110	115	120	125
	TD			80	80	85	85	85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0								
	TD			1.0								
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	50	50	45	45	40	35	30	20	16
			(gm/100 in²/day)	3.2	3.2	2.9	2.9	2.6	2.3	2.0	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	155	130	130	110	90	80	70	45
			(cc/100 in²/day)	10.1	10.1	8.5	8.5	7.1	5.8	5.2	4.5	2.9

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

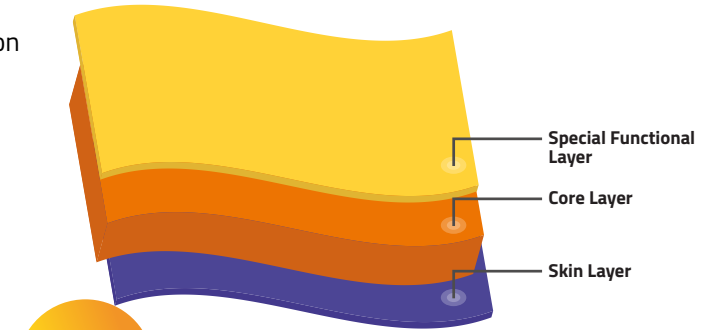
F-CSP CO-EXTRUDED FILM

F-CSP is a transparent BOPET film. The film has a special functional layer on one side and untreated on the other side. The film is tack sealable.

KEY FEATURES:

- Outstanding metal adhesion
- Good machinability & handling properties
- Functional surface has excellent adhesion with inks & adhesive
- Useful for tack sealing

FILM STRUCTURE



APPLICATION:

- Printing & Lamination
- Metallization
- Hot filling, Sterilization, & Pasteurization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	10	12	15	23
			(Gauge)	40	48	60	92
YIELD		Internal	m ² / kg	71.42	59.52	47.62	31.05
			in ² / lb	50318	41934	33448	21876
COF (max) (Untreated to Special Functional Surface)		ASTM D-1894	-	0.50	0.50	0.50	0.50
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1700	1700	1700
	TD			1900	1900	1900	1900
	MD		(Psi)	24200	24200	24200	24200
	TD			27000	27000	27000	27000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	100	105	115
	TD			80	85	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	40	30
			(gm/100 in ² /day)	3.2	2.9	2.3	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	110	80
			(cc/100 in ² /day)	10.1	8.5	7.1	5.2

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-CLR-A1 & A2

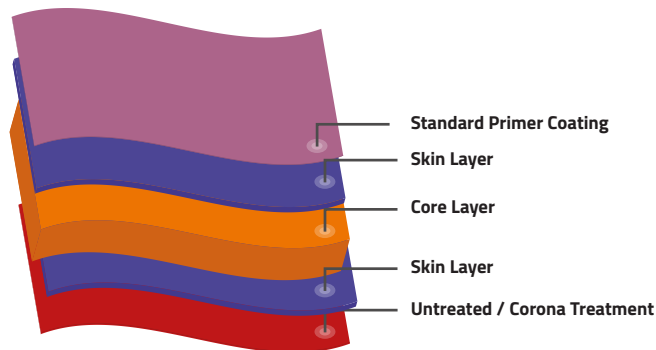
STANDARD PRIMER COATED OPTICALLY CLEAR FILM

F-CLR-A1 & A2 are transparent low haze BOPET film. F-CLR-A1 is one side Corona Treated & the other side Standard Primer Coated. F-CLR-A2 is one side Untreated & the other side Standard Primer Coated.

KEY FEATURES:

- Excellent clarity
- Corona Treatment improves bonding
- Standard Primer coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structure
- Hot fill & Pasteurization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	23	36	50
			(Gauge)	40	48	92	144	200
YIELD		Internal	m ² / kg	71.42	59.52	31.05	19.84	14.28
			in ² /lb	50318	41934	21876	13978	10060
SURFACE TENSION (min) # (Standard Primer Coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	40				
				52				
COF (max) (Standard Primer to Untreated) (Standard Primer to Corona Treated)		ASTM D-1894	-	0.45	0.45	0.45	0.45	0.45
				0.50	0.50	0.50	0.50	0.50
HAZE (max)		ASTM D-1003	%	2.5	2.5	2.6	2.8	2.8
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			80	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	30	20	16
			(gm/100 in ² /day)	3.2	2.9	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	80	70	45
			(cc/100 in ² /day)	10.1	8.5	5.2	4.5	2.9

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-CLR-C1 & C2

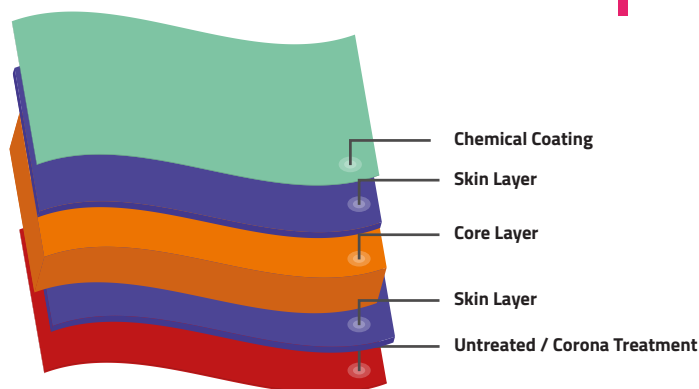
CHEMICAL COATED OPTICALLY CLEAR FILM

F-CLR-C1 & C2 are transparent low haze BOPET film. F-CLR-C1 is one side Corona Treated & the other side Chemical Coated. F-CLR-C2 is one side Untreated & the other side Chemical Coated.

KEY FEATURES:

- Excellent clarity
- Corona treatment improves bonding
- Chemical Coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- Excellent metal adhesion
- Not suitable for hot filling, Sterilization, or Pasteurization

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Solvent & Water base coating
- Embossing & Holograms

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	11	12	23	36	50
			(Gauge)	44	48	92	144	200
YIELD		Internal	m ² / kg	64.93	59.52	31.05	19.84	14.28
			in ² /lb	45745	41934	21876	13978	10060
SURFACE TENSION (min) # (Chemical Coated surface) (Corona treated surface)		ASTM D-2578	dyne/cm	60				
				52				
COF (max) (Chemical Coated to Untreated) (Chemical Coated to Corona Treated)		ASTM D-1894	-	0.50	0.50	0.50	0.45	0.45
				0.55	0.55	0.55	0.50	0.45
HAZE (max)		ASTM D-1003	%	2.4	2.5	2.6	2.8	2.8
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	45	30	20	16
			(gm/100 in ² /day)	2.9	2.9	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	130	80	70	45
			(cc/100 in ² /day)	8.5	8.5	5.2	4.5	2.9

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-CLR-T1 & T2

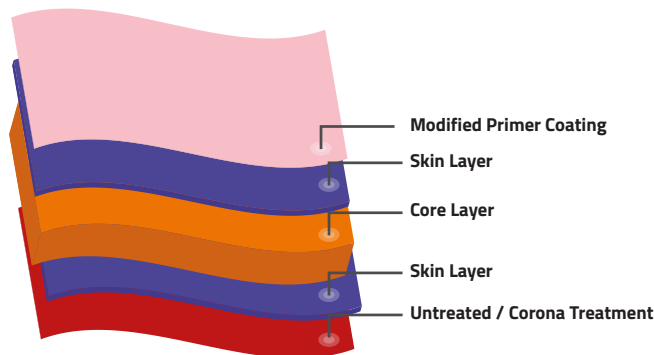
MODIFIED PRIMER COATED OPTICALLY CLEAR FILM

F-CLR-T1 & T2 are transparent low haze BOPET films. F-CLR-T1 is one side Corona Treated & the other side Modified Primer Coated. F-CLR-T2 is one side Untreated & the other side Modified Primer Coated.

KEY FEATURES:

- Excellent clarity
- Corona treatment improves bonding
- Modified Primer Coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- Improved metal adhesion

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structure

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	23	36
			(Gauge)	48	92	144
YIELD		Internal	m ² / kg	59.52	31.05	19.84
			in ² /lb	41934	21876	13978
SURFACE TENSION (min)# (Modified Primer coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	52		
				52		
COF (max) (Modified Primer to Untreated) (Modified Primer to Corona Treated)		ASTM D-1894	-	0.50	0.50	0.45
				0.55	0.55	0.50
HAZE (max)		ASTM D-1003	%	2.5	2.6	2.8
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1750
	TD			2000	2000	2000
	MD		(Psi)	27000	27000	25000
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105	115	120
	TD			85	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	30	20
			(gm/100 in ² /day)	2.9	2.0	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	80	70
			(cc/100 in ² /day)	8.5	5.2	4.5

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-UVC

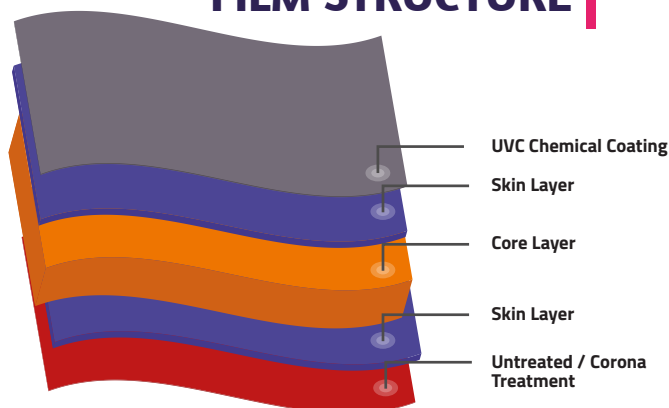
UVC CHEMICAL COATED FILM FOR UV OFFSET SHEET PRINTING

F-UVC is a transparent polyester film. The film is one side UVC chemical coated other side corona treated or Untreated.

KEY FEATURES:

- Good optical properties
- Good machinability & handling properties
- Coated side suitable for UV offset sheet printing

FILM STRUCTURE



APPLICATION:

- Film is designed for UV off set sheet printing in box lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	10	12
			(Gauge)	40	48
YIELD		Internal	m ² / kg	71.42	59.52
			in ² /lb	50318	41934
SURFACE TENSION (min) # (UVC Chemical coated Side) (Corona treated Side)		ASTM D-2578	dyne/cm	42	
				52	
COF (max) (One side to the other side)		ASTM D-1894	-	0.55	0.50
HAZE (max)		ASTM D-1003	%	4.0	4.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900
	TD			2000	2000
	MD		(Psi)	27000	27000
	TD			28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105
	TD			80	85
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
			(gm/100 in ² /day)	3.2	2.9
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130
			(cc/100 in ² /day)	10.1	8.5

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-ATT

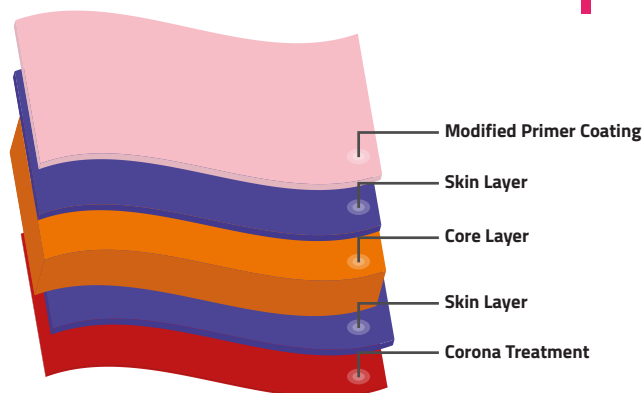
MODIFIED PRIMER COATED FILM

F-ATT is a transparent BOPET film. The film is one side Modified Primer Coated and the other side Corona Treated.

KEY FEATURES:

- Very good transparency and clarity
- Modified Primer coating provides excellent adhesion with inks & adhesives
- Corona treatment improves bonding
- Excellent machinability & handling properties
- High mechanical properties

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, fill & seal structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES						
THICKNESS		Internal	Micron	9	10	12	23	30	31	36
			(Gauge)	36	40	48	92	120	124	144
YIELD		Internal	m ² / kg	79.36	71.42	59.52	31.05	23.80	23.04	19.84
			in ² /lb	55912	50318	41934	21876	16768	16225	13978
SURFACE TENSION (min) (Modified Primer coated surface) (Corona treated surface)		ASTM D-2578	dyne/cm	52						
				52						
COF (max) (One side to the other side)		ASTM D-1894	-	0.55	0.55	0.50	0.50	0.45	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.5	4.5	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1900	1900	1750
	TD			2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	25000
	TD			28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	100	105	115	120	120	120
	TD			80	80	85	90	90	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0						
	TD			1.0						
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	50	45	30	25	25	20
			(gm/100 in ² /day)	3.2	3.2	2.9	2.0	1.6	1.6	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	155	130	80	75	75	70
			(cc/100 in ² /day)	10.1	10.1	8.5	5.2	4.8	4.8	4.5

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-AUT

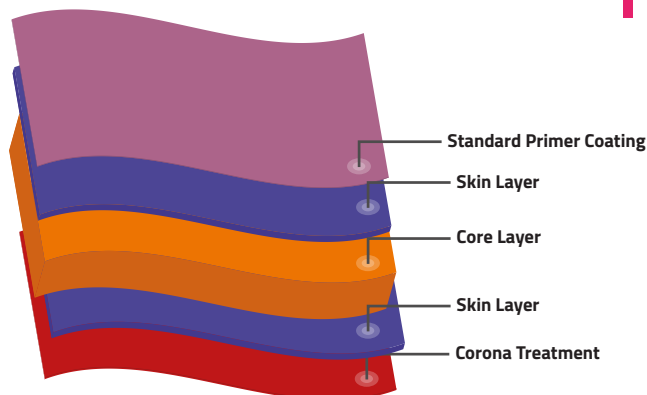
STANDARD PRIMER COATED FILM

F-AUT is a transparent BOPET film. The film is one side Standard Primer Coated and the other side Corona Treated.

KEY FEATURES:

- High clarity
- Standard Primer coating provides excellent adhesion with inks & adhesives
- Corona Treatment improves bonding
- Excellent machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Converting
- Printing & Lamination
- Form, Fill, & Seal Structures
- Hot fill & Pasteurization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES									
THICKNESS		Internal	Micron	8	9	10	12	19	23	30	36	50	
			(Gauge)	32	36	40	48	76	92	120	144	200	
YEILD		Internal	m ² / kg	89.3	79.4	71.4	59.5	37.6	31.1	23.8	19.8	14.3	
			in ² /lb	62901	55912	50318	41934	26483	21876	16768	13978	10060	
SURFACE TENSION (min) (Standard Primer Coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	40									
				52									
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.50	0.50	0.50	0.50	0.45	0.45	0.45	0.40	
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1900	1900	1900	1750	1750	
	TD			2000	2000	2000	2000	2000	2000	2000	2000	2000	
	MD		(Psi)	27000	27000	27000	27000	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	90	100	105	110	115	120	120	125	
	TD			80	80	80	85	85	90	90	90	95	
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0									
	TD			1.0									
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	50	50	45	35	30	25	20	16	
			(gm/100 in ² /day)	3.2	3.2	3.2	2.9	2.3	2.0	1.6	1.3	1.0	
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	155	155	130	90	80	75	70	45	
			(cc/100 in ² /day)	10.1	10.1	10.1	8.5	5.8	5.2	4.8	4.5	2.9	

STORAGE & HANDLING Untreated side of any PET film is a minimum of 42 dyne/cm.

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-AUU

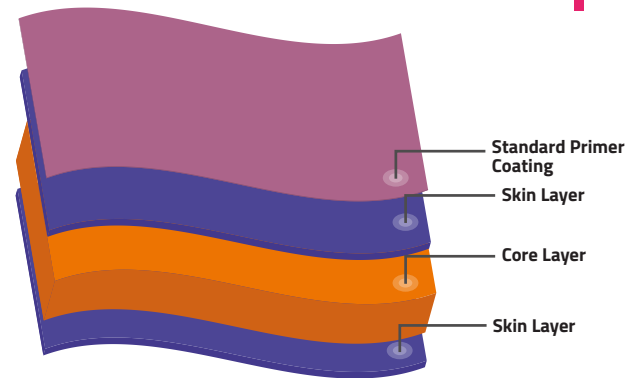
STANDARD PRIMER COATED FILM

F-AUU is a transparent BOPET film. The film is one side Standard Primer Coated and the other side Untreated.

KEY FEATURES:

- High clarity
- Primer coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Converting
- Printing & Lamination
- Form, Fill, & Seal Structures
- Hot fill & Pasteurization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES									
THICKNESS		Internal	Micron	8	9	10	11	12	15	19	23	36	50
			(Gauge)	32	36	40	44	48	60	76	92	144	200
YIELD		Internal	m² / kg	89.28	79.36	71.42	64.93	59.52	47.62	37.59	31.05	19.84	14.28
			in² /lb	62901	55912	50318	45745	41934	33550	26483	21876	13978	10060
SURFACE TENSION (min) # (Standard Primer Coated surface)		ASTM D-2578	dyne/cm	40									
COF (max) (One side to other side)		ASTM D-1894	-	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.40	0.40
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	5.0	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1900	1900	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	90	100	100	105	105	110	115	120	125
	TD			80	80	80	80	85	85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0									
	TD			1.0									
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	50	50	50	45	45	40	35	30	20	16
			(gm/100 in²/day)	3.2	3.2	3.2	2.9	2.9	2.6	2.3	2.0	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	155	155	130	130	110	90	80	70	45
			(cc/100 in²/day)	10.1	10.1	10.1	8.5	8.5	7.1	5.8	5.2	4.5	2.9

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-CHC

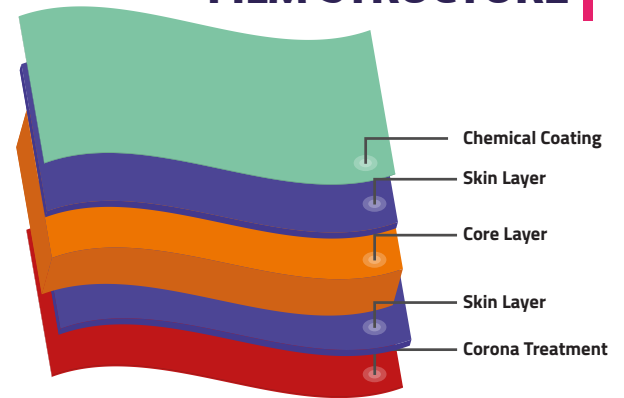
CHEMICAL COATED FILM

F-CHC is a transparent BOPET film. The film is one side Chemically Coated & one side Corona Treated.

KEY FEATURES:

- High clarity
- Chemical coating provides excellent adhesion with inks & adhesives
- Corona Treatment improves bonding
- Excellent machinability & handling properties
- Excellent metal adhesion on the chemically coated side
- Not suitable for hot fill, sterilization, or pasteurization

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES										
THICKNESS		Internal	Micron	8	9	10	11	12	15	19	21	23	36	50
			(Gauge)	32	36	40	44	48	60	76	84	92	144	200
YIELD		Internal	m² / kg	89.28	79.36	71.42	64.93	59.52	47.62	37.59	34.01	31.05	19.84	14.28
			in² / lb	62901	55912	50318	45745	41934	33550	26483	23951	21876	13978	10060
SURFACE TENSION (min) (Chemical coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	60										
				52										
COF (max) (One side to the other side)		ASTM D-1894	-	0.55	0.55	0.55	0.50	0.50	0.50	0.50	0.50	0.50	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	5.0	5.0	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1900	1900	1900	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	90	100	100	105	105	110	110	115	120	125
	TD			80	80	80	85	85	85	85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0										
	TD			1.0										
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	50	50	50	45	45	40	35	35	30	20	16
			(gm/100 in²/day)	3.2	3.2	3.2	2.9	2.9	2.6	2.3	2.3	2.0	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	155	155	130	130	110	90	90	80	70	45
			(cc/100 in²/day)	10.1	10.1	10.1	8.5	8.5	7.1	5.8	5.8	5.2	4.5	2.9

STORAGE & HANDLING Untreated side of any PET film is a minimum of 42 dyne/cm.

SELEXIBLE™ needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-CHE

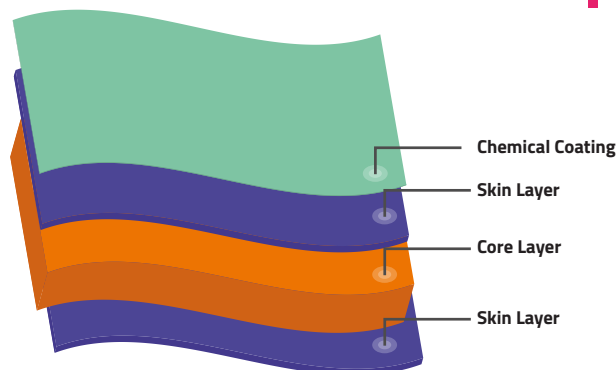
CHEMICAL COATED FILM

F-CHE is a transparent BOPET film. The film is one side Chemically Coated & one side Untreated.

KEY FEATURES:

- High clarity
- Chemical coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- Excellent metal adhesion on the chemically coated side
- Not suitable for hot fill, sterilization, or pasteurization

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES									
THICKNESS		Internal	Micron	8	9	10	11	12	15	19	23	36	50
			(Gauge)	32	36	40	44	48	60	76	92	144	200
YIELD		Internal	m ² / kg	89.28	79.36	71.42	64.93	59.52	47.62	37.59	31.05	19.84	14.28
			in ² /lb	62901	55912	50318	45745	41934	33550	26483	21876	13978	10060
SURFACE TENSION (min)# (Chemical coated surface)		ASTM D-2578	dyne/cm	60									
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.0	4.5	4.5	5.0	5.0	5.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	100	100	100	105	105	110	115	120	125
	TD			80	80	80	80	85	85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0									
	TD			1.0									
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	50	50	45	45	40	35	30	20	16
			(gm/100 in ² /day)	3.2	3.2	3.2	2.9	2.9	2.6	2.3	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	155	155	130	130	110	90	80	70	45
			(cc/100 in ² /day)	10.1	10.1	10.1	8.5	8.5	7.1	5.8	5.2	4.5	2.9

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-EXC

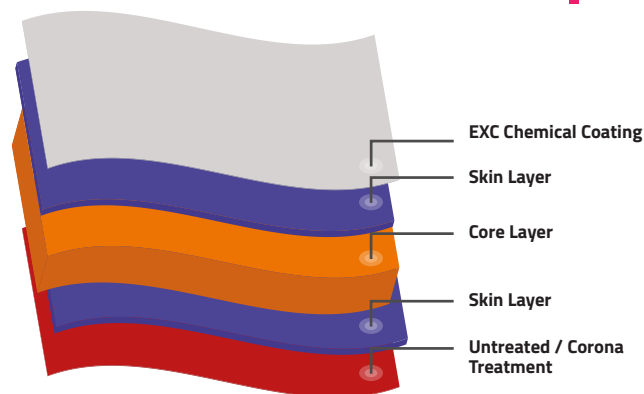
DIRECT EXTRUSION FILM

F-EXC is a transparent BOPET film. One side of the film is EXC Chemical Coated & the other side is Untreated or Corona Treated.

KEY FEATURES:

- High clarity
- No solvent emissions or residuals during extrusion coating
- No additional priming needed prior to extrusion

FILM STRUCTURE



APPLICATION:

- Film is designed for direct extruded Polyethylene adhesion without the need for primer

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	23	36
			(Gauge)	48	92	144
YIELD		Internal	m ² / kg	59.52	31.05	19.84
			in ² /lb	41934	21876	13978
SURFACE TENSION (min) # (Corona Treated) (EXC Chemical)		ASTM D-2578	dyne/cm	52		
				38		
COF (max) (Corona Treated to EXC Chemical) (Untreated to Corona Treated)		ASTM D-1894	-	0.50	0.50	0.45
				0.45	0.45	0.40
HAZE (max)		ASTM D-1003	%	4.0	4.5	5.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1750
	TD			2000	2000	2000
	MD		(Psi)	27000	27000	25000
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105	115	120
	TD			85	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	30	20
			(gm/100 in ² /day)	2.9	2.0	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	80	70
			(cc/100 in ² /day)	8.5	5.2	4.5

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-FCU

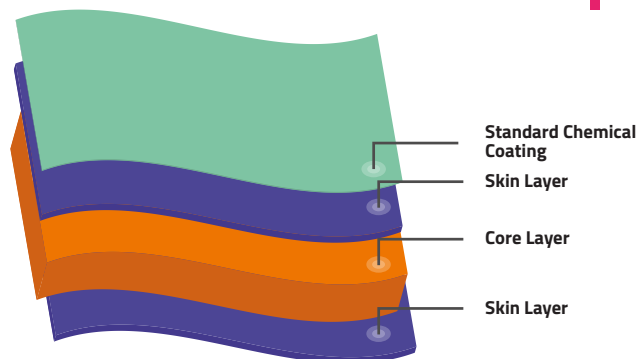
STANDARD CHEMICAL COATED BOPET FILM

F-FCU is a transparent BOPET film. It is one side Standard Chemical coated & other side Untreated.

KEY FEATURES:

- Very good transparency & clarity
- One side Standard Chemical Coating provide excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Excellent metal adhesion

FILM STRUCTURE



APPLICATION:

- Conversion, Metallization
- Printing & lamination
- FFS machine
- Hot fill application (Like-Ketchup, Mayonnaise etc.)

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES					
THICKNESS		Internal	Micron	8	10	12	15	23	36
			(Gauge)	32	40	48	60	92	144
YIELD		Internal	m ² / kg	89.28	71.42	59.52	47.62	31.05	19.84
			in ² /lb	62901	50318	41934	33550	21876	13978
SURFACE TENSION (min) # (Standard Chemical coated Side)		ASTM D-2578	dyne/cm	56					
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.50	0.50	0.50	0.50	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1900	1750
	TD			2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	25000
	TD			28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	100	105	105	120	130
	TD			80	80	85	85	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	50	50	45	40	30	20
			(gm/100 in ² /day)	3.2	3.2	2.9	2.6	2.0	1.3
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	155	130	110	80	70
			(cc/100 in ² /day)	10.1	10.1	8.5	7.1	5.2	4.5

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-HMB

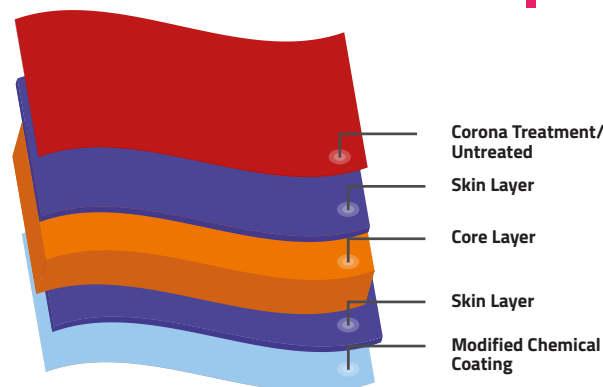
MODIFIED CHEMICAL COATED FILM

Base polyester is a specialized design for high adhesion to typical inks and adhesives. The film is one side Modified Chemical Coated film with the other side Corona Treated or Untreated.

KEY FEATURES:

- High Lamination Bond
- Good machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Flexible packaging
- Lamination
- Hot fill applications up to 80°C
- Retortable

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	11	12	23	36
			(Gauge)	44	48	92	144
YIELD		Internal	m ² / kg	64.93	59.52	31.05	19.84
			in ² /lb	45745	41934	21876	13978
SURFACE TENSION (min) # (Modified Chemical Coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	42			
				52			
COF (max) (Chemical side to Untreated side) (Chemical side to Corona side)		ASTM D-1894	-	0.5	0.5	0.5	0.5
				0.55	0.55	0.55	0.55
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1750
	TD			2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120
	TD			85	85	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	45	30	20
			(gm/100 in ² /day)	2.9	2.9	2.0	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	130	80	70
			(cc/100 in ² /day)	8.5	8.5	5.2	4.5

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-LAU

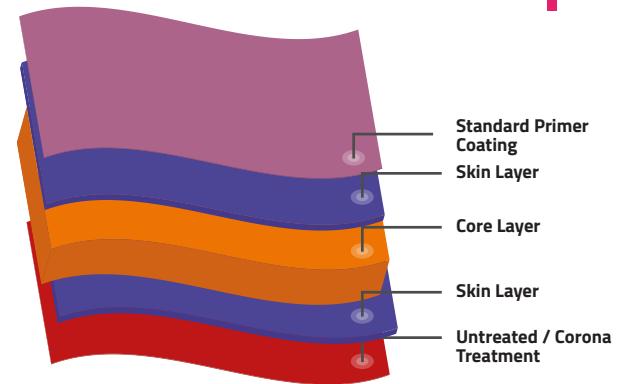
STANDARD PRIMER COATED LIDDING FILM

F-LAU is a transparent BOPET film. The film is one side Standard Primer Coated with the other side either Corona Treated or Untreated.

KEY FEATURES:

- High clarity
- Excellent machinability & handling properties
- Primer Coated surface provides excellent adhesion with inks & various adhesives
- Corona treatment improves bonding

FILM STRUCTURE



APPLICATION:

- Conversion
- Printing & Lamination
- Specially designed for lidding

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	10	12	23
			(Gauge)	40	48	92
YIELD		Internal	m² / kg	71.42	59.52	31.05
			in² /lb	50318	41934	21876
SURFACE TENSION (min) # (Standard Primer Coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	40		
				52		
COF (max) (One side to the other)		ASTM D-1894	-	0.50	0.50	0.50
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	%	100	105	115
	TD			80	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	50	45	30
			(gm/100 in²/day)	3.2	2.9	2.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	130	80
			(cc/100 in²/day)	10.1	8.5	5.2

The inherent surface tension of the Untreated side of any PET film is a minimum of 42 dyne/cm.

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-UPF

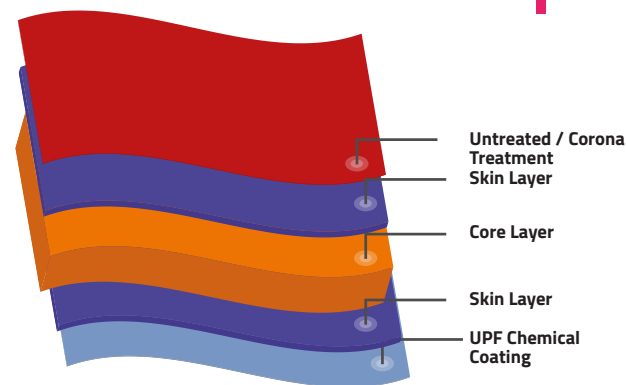
UPF CHEMICAL COATED FILM

F-UPF is a transparent BOPET film. The film is one side UPF Chemical Coated surface with the other side being Untreated or Corona Treated

KEY FEATURES:

- High clarity
- Excellent machinability & handling properties
- Excellent metal bond strength
- Corona treatment improves bonding
- Modified surface provides excellent adhesion with various types of inks and adhesives

FILM STRUCTURE



APPLICATION:

- Printing, Lamination, & Metallization
- Hot fill, Pasteurization, Sterilization, & retort application

Keynote: Selection of specific ink & adhesive designed for retort application

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES								
THICKNESS		Internal	Micron	8	9	10	12	15	19	23	36	50
			(Gauge)	32	36	40	48	60	76	92	144	200
YIELD		Internal	m ² / kg	89.28	79.36	71.42	59.52	47.62	37.59	31.05	19.84	14.28
			in ² /lb	62901	55912	50318	41934	33550	26483	21876	13978	10060
SURFACE TENSION (min) # (UPF Chemical Coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	48								
				52								
COF (max) (UPF Chemical Coated to Untreated) (UPF Chemical Coated to Corona Treated)		ASTM D-1894	-	0.50	0.50	0.50	0.45	0.45	0.45	0.45	0.40	0.40
				0.50	0.50	0.50	0.45	0.45	0.45	0.45	0.40	0.40
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.0	4.0	4.5	5.0	5.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	90	100	105	105	110	115	120	125
	TD			80	80	80	85	85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0								
	TD			1.0								
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	50	50	45	40	35	30	20	16
			(gm/100 in ² /day)	3.2	3.2	3.2	2.9	2.6	2.3	2.0	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	155	155	130	110	90	80	70	45
			(cc/100 in ² /day)	10.1	10.1	10.1	8.5	7.1	5.8	5.2	4.5	2.9

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-WAP

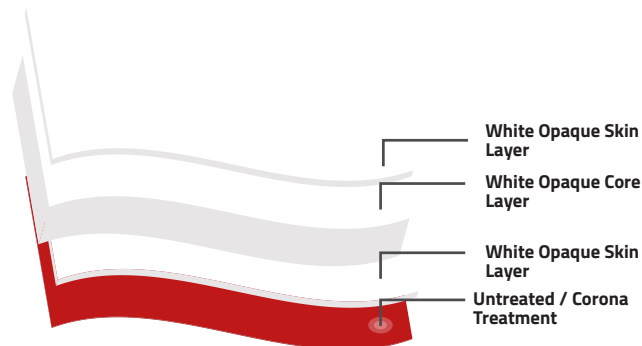
WHITE OPAQUE BOPET FILM

F-WAP is a white opaque BOPET film. The film is one side corona treated or both side untreated.

KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties
- Corona treated side gives good adhesion with inks & adhesives

FILM STRUCTURE



APPLICATION:

- Surface printing jobs & metallization
- Label application & blister packaging
- Other conversion where white backing required like lids

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	12	23	36	50
			(Gauge)	48	92	144	200
YIELD		Internal	m ² / kg	58.27	30.40	19.42	13.98
			in ² / lb	41022	21401	13671	9841
SURFACE TENSION (min) # (Corona Treated Side)		ASTM D-2578	dyne/cm	52			
COF (max) (Corons to Untreated side) (Untreated to Untreated side)		ASTM D-1894	-	0.50	0.50	0.50	0.50
				0.45	0.45	0.45	0.45
OPACITY (min)		Hunter Lab	%	55	75	82	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1600	1500	1500
	TD			2000	2000	2000	2000
	MD		(Psi)	24200	21300	21300	21300
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115	120	125
	TD			80	80	85	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5			
	TD			0.8			
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	25	15	12
			(gm/100 in ² /day)	2.9	1.6	1.0	0.8
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	160	75	45	35
			(cc/100 in ² /day)	10.3	4.8	2.9	2.2

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-WAT

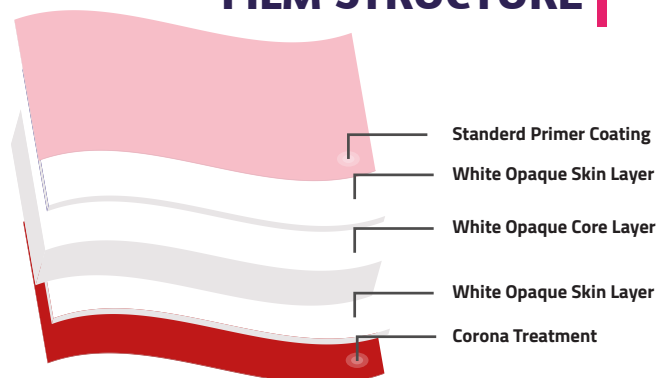
STANDARD PRIMER COATED WHITE OPAQUE BOPET FILM

F-WAT is a white opaque polyester film. The film is one side Standard Primer Coated and other side corona treated.

KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties
- One side acrylic coated, excellent adhesion with inks & adhesive.
- Out side corona treated for improved bond with outer substrate.

FILM STRUCTURE



APPLICATION:

- Surface Printing jobs & Metallization
- Label application & Blister Packaging
- Other conversion where white backing required like lids

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	12	23	36	50	55
			(Gauge)	48	92	144	200	220
YIELD		Internal	m ² / kg	58.27	30.40	19.42	13.98	12.71
			in ² /lb	41022	21401	13671	9841	8947
SURFACE TENSION (min) (Standard Primer Coated Side) (Corona Treated Side)		ASTM D-2578	dyne/cm	40				
				52				
COF (max) (One side to the other side)		ASTM D-1894	-	0.45	0.45	0.45	0.45	0.45
OPACITY (min)		Hunter Lab	%	55	75	82	85	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1600	1500	1500	1500
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	24200	22700	21300	21300	21300
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115	120	125	130
	TD			80	80	85	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5				
	TD			0.8				
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	25	15	12	10
			(gm/100 in ² /day)	2.9	1.6	1.0	0.8	0.6
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	160	75	45	35	30
			(cc/100 in ² /day)	10.3	4.8	2.9	2.2	1.9

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-WAU

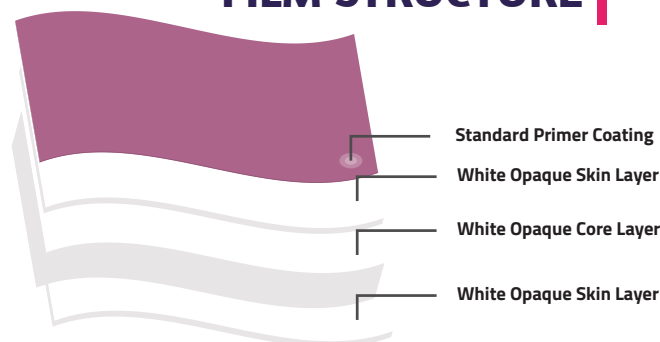
STANDARD PRIMER COATED WHITE OPAQUE BOPET FILM

F-WAU is a white opaque polyester film. The film is one side Standard Primer Coated and other side untreated.

KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties.
- One side acrylic coated and excellent adhesion with inks & adhesive.

FILM STRUCTURE



APPLICATION:

- Surface Printing jobs & Metallization
- Label application & Blister Packaging
- Other conversion where white backing required like lids

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	12	23	36	50	55
			(Gauge)	48	92	144	200	220
YIELD		Internal	m ² / kg	58.27	30.40	19.42	13.98	12.71
			in ² /lb	41022	21401	134671	9841	8947
SURFACE TENSION (min) (Standard Primer Coated Side)		ASTM D-2578	dyne/cm	40				
COF (max) (One side to the other side)		ASTM D-1894	-	0.45	0.45	0.40	0.40	0.40
OPACITY (min)		Hunter Lab	%	55	75	82	85	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1600	1500	1500	1500
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	24200	22700	21300	21300	21300
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115	120	125	130
	TD			80	80	85	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5				
	TD			0.8				
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	25	15	12	10
			(gm/100 in ² /day)	2.9	1.6	1.0	0.8	0.6
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	160	75	45	35	30
			(cc/100 in ² /day)	10.3	4.8	2.9	2.2	1.9

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-WCC

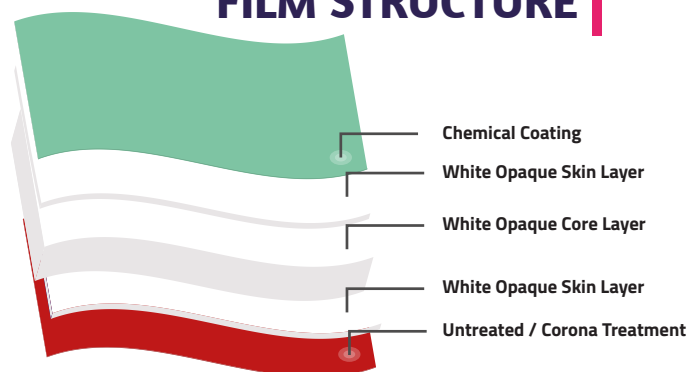
CHEMICAL COATED WHITE OPAQUE BOPET FILM

F-WCC is a white opaque polyester film. The film is one side chemical coated and other side corona treated.

KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties
- One side chemical coated and excellent adhesion with inks & adhesive.
- Out side corona treated for improved bond with outer substrate.

FILM STRUCTURE



APPLICATION:

- Surface Printing jobs & Metallization
- Label application & Blister Packaging
- Other conversion where white backing required like lids

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	12	23
			(Gauge)	48	92
YIELD		Internal	m ² / kg	58.27	30.40
			in ² /lb	41022	21401
SURFACE TENSION (min) (Chemical coated side) (Corona Treated Side)		ASTM D-2578	dyne/cm	60	
				52	
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.50
OPACITY (min)		Hunter Lab	%	55	75
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1600
	TD			2000	2000
	MD		(Psi)	24200	22700
	TD			28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115
	TD			80	80
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5	
	TD			0.8	
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	25
			(gm/100 in ² /day)	2.9	1.6
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	160	75
			(cc/100 in ² /day)	10.3	4.8

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-WCH

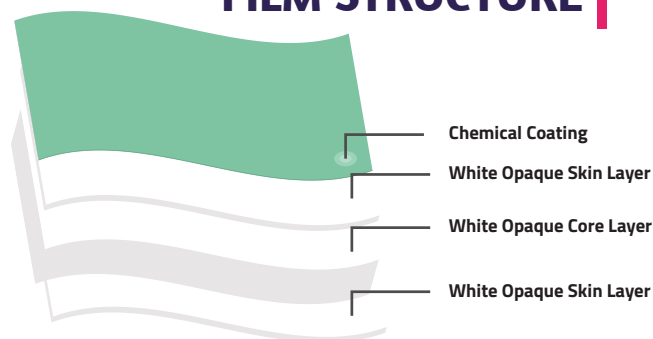
CHEMICAL COATED WHITE OPAQUE BOPET FILM

F-WCH is a white opaque polyester film the film is one side chemical coated and other side untreated.

KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties
- Chemical coated side provide excellent bonding with various inks & adhesives

FILM STRUCTURE



APPLICATION:

- Surface Printing jobs & Metallization
- Label application & Blister Packaging
- Other conversion where white backing required like lids

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	23	36	50
			(Gauge)	92	144	200
YIELD		Internal	m ² / kg	30.40	19.42	13.98
			in ² /lb	21401	13671	9841
SURFACE TENSION (min) # (Chemical coated side)		ASTM D-2578	dyne/cm	60		
COF (max) (One side to the other side)		ASTM D-1894	-	0.45	0.45	0.45
OPACITY (min)		Hunter Lab	%	75	82	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1600	1500	1500
	TD			2000	2000	2000
	MD		(Psi)	22700	21300	21300
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	115	120	125
	TD			80	85	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5		
	TD			0.8		
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	25	15	12
			(gm/100 in ² /day)	1.6	1.0	0.8
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	75	45	35
			(cc/100 in ² /day)	4.8	2.9	2.2

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-WTS

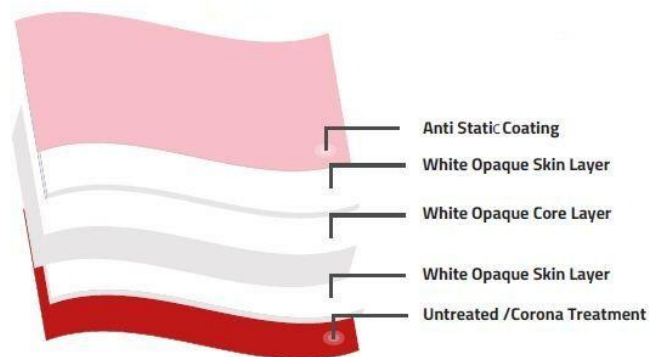
TWIST GRADE WHITE OPAQUE BOPET FILM

F-WTS is a white opaque polyester film. It is one side antistatic coating other side untreated or corona treated.

KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- High mechanical properties
- Excellent twist retention
- Zero memory, Eco-friendly

FILM STRUCTURE



APPLICATION:

- Twist wrapping both in hot & cold condition
- Candy wrap

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	18	23
			(Gauge)	72	92
YIELD		Internal	m ² / kg	39.68	31.05
			in ² /lb	27956	21876
SURFACE TENSION (min) # (Anti static Coating Side) (Corona Treated Side)		ASTM D-2578	dyne/cm	50 52	
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.50
OPACITY (min)		Hunter Lab	%	55	60
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	2000	2000
	TD			2300	2300
	MD		(Psi)	28500	28500
	TD			32700	32700
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	115	120
	TD			80	85

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-WTU

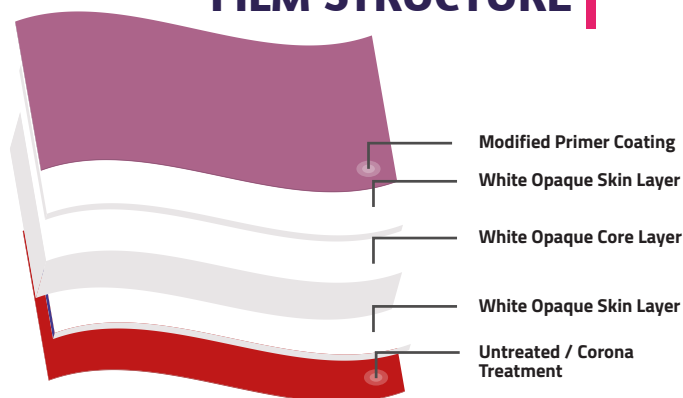
MODIFIED PRIMER COATED WHITE OPAQUE BOPET FILM

F-WTU is a white opaque polyester film. The film is one side Modified Primer coated other side Untreated or Corona Treated.

KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties.
- One side Modified Primer coated surface provides excellent adhesion with inks & adhesive.
- Out side corona treated for improved bond with outer substrate.

FILM STRUCTURE



APPLICATION:

- Surface Printing jobs & Metallization
- Label application & Blister Packaging
- Other conversion where white backing required like lids

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	12	23	36	50
			(Gauge)	48	92	144	200
YIELD		Internal	m ² / kg	58.27	30.40	19.42	13.98
			in ² /lb	41022	21401	13671	9841
SURFACE TENSION (min) # (Modified Primer Coated Side) (Corona Treated Side)		ASTM D-2578	dyne/cm	52			
				52			
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.45	0.45	0.45
OPACITY (min)		Hunter Lab	%	55	75	82	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1700	1600	1500	1500
	TD			2000	2000	2000	2000
	MD		(Psi)	24200	22700	21300	21300
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115	120	125
	TD			80	80	85	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5			
	TD			0.8			
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	25	15	12
			(gm/100 in ² /day)	2.9	1.6	1.0	0.8
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	160	75	45	35
			(cc/100 in ² /day)	10.3	4.8	2.9	2.2

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-WUF

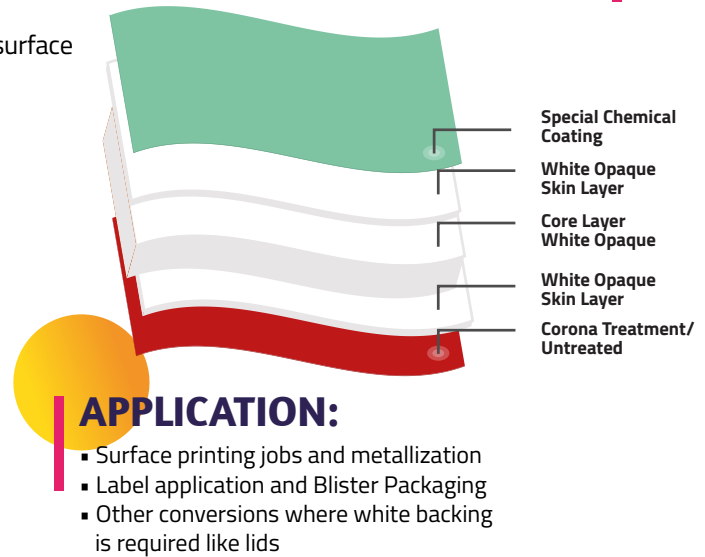
WHITE OPAQUE POLYESTER FILM

F-WUF is a white opaque BOPET film. It is one side Special Chemical Coated surface with the other side being Untreated or Corona Treated.

KEY FEATURES:

- Excellent opacity and high brightness
- Good mechanical & thermal properties
- Excellent machinability & handling properties
- Special Chemical Coated surface provides excellent adhesion with inks & adhesives
- Corona Treated surface improves bond with outer substrate

FILM STRUCTURE



PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	12	23	36	50	55
			(Gauge)	48	92	144	200	220
YIELD		Internal	m² / kg	58.27	30.40	19.42	13.98	12.71
			in² /lb	41022	21401	13671	9841	8947
SURFACE TENSION (min) # (Special Chemical Coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	48				
				52				
COF (max) (One side to the other side)		ASTM D-1894	-	0.45				
OPACITY (min)		Hunter Lab	%	55	75	82	85	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1700	1600	1500	1500	1500
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	24200	22700	21300	21300	21300
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	115	120	125	130
	TD			80	80	85	85	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5				
	TD			0.8				
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	45	25	15	12	10
			(gm/100 in²/day)	2.9	1.6	1.0	0.8	0.6
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	160	75	45	35	30
			(cc/100 in²/day)	10.3	4.8	2.9	2.2	1.9

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

STORAGE & HANDLING

SELEXIBLE needs to be stored in a closed 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-TFP

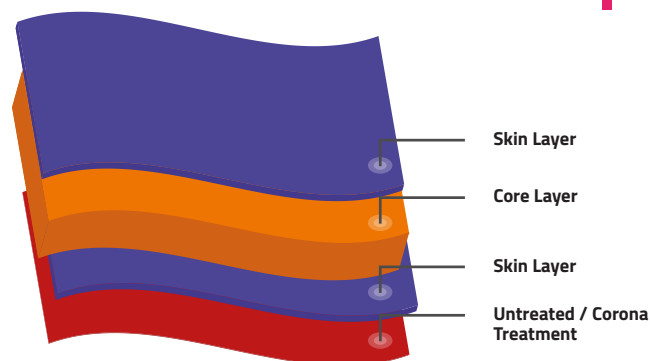
THERMOFORMABLE BOPET FILM

F-TFP is a Co-extruded transparent BOPET film. The Film is one side corona treated or both side untreated. Film is specially designed for shallow draw thermoforming applications. Film is recommended to be laminated with a sealant layer.

KEY FEATURES:

- Very good clarity & transparency
- One side corona treatment provides good adhesion with inks

FILM STRUCTURE



APPLICATION:

- Trays, packs and lids
- Fresh and frozen food applications

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	12	15	19	23	36
			(Gauge)	48	60	76	92	144
YIELD		Internal	m ² / kg	59.52	47.62	37.59	31.05	19.84
			in ² /lb	41934	33550	26483	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	0.50	0.50	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	≥200	≥200	≥200	≥200	≥200
	TD			95	95	100	110	120
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	7.0				
	TD			3.0				
W.V.T.R. (38° C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	40	35	30	20
			(gm/100 in ² /day)	2.9	2.6	2.3	2.0	1.3
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	110	90	80	70
			(cc/100 in ² /day)	8.5	7.1	5.8	5.2	4.5

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

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-PAP

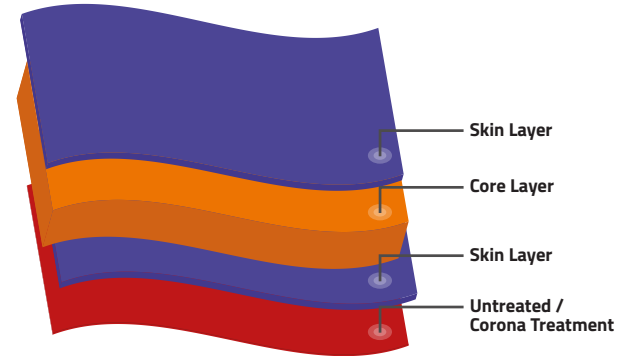
STANDARD PLAIN FILM

F-PAP is a transparent BOPET film. The film is one side Corona Treated with one side Untreated or both sides Untreated.

KEY FEATURES:

- Very Good gloss & clarity
- Corona treatment improves bonding
- Excellent surface & good handling properties
- Excellent dimensional stability & machinability
- Specially designed for Form, Fill, & Seal machines
- Eco friendly characteristics

FILM STRUCTURE



APPLICATION:

- Flexible packaging
- Solvent & Water base coating

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES														
THICKNESS		Internal	Micron	8	9	10	11	12	15	18	19	23	30	36	50	55	60	75
			(Gauge)	32	36	40	44	48	60	72	76	92	120	144	200	220	240	300
YIELD		Internal	m ² / kg	89.28	79.36	71.42	64.93	59.52	47.62	39.68	37.59	31.05	23.80	19.84	14.28	12.98	11.9	9.52
			in ² /lb	62901	55912	50318	45745	41934	33550	27942	26483	21876	16768	13978	10060	9145	8384	6707
SURFACE TENSION (min) # (Corona Treated surface)		ASTM D-2578	dyne/cm	52														
COF (max) (Untreated to Corona Treated) (Untreated to Untreated)		ASTM D-1894	-	0.55	0.55	0.55	0.50	0.50	0.50	0.50	0.50	0.50	0.45	0.45	0.45	0.45	0.45	0.45
				0.50	0.50	0.50	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.40	0.40	0.40	0.40	0.40
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.5	4.5	5.0	5.5	5.5	6.0	7.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1750	1750	1750	1700	1700
	TD			2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	27000	27000	27000	27000	25000	25000	25000	24200	24200
	TD			28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	90	100	100	105	105	110	110	115	120	120	125	125	130	130
	TD			80	80	80	85	85	85	85	85	90	90	90	95	100	100	100
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0														
	TD			1.0														
WVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	50	50	45	45	40	35	35	30	25	20	16	14	10	8
			(gm/100 in ² /day)	3.2	3.2	3.2	2.9	2.9	2.6	2.3	2.3	2.0	1.6	1.3	1.0	0.9	0.6	0.5
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	155	155	130	130	110	90	90	80	75	70	45	40	36	32
			(cc/100 in ² /day)	10.1	10.1	10.1	8.5	8.5	7.1	5.8	5.8	5.2	4.8	4.5	2.9	2.6	2.3	2.1

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.


Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-AA

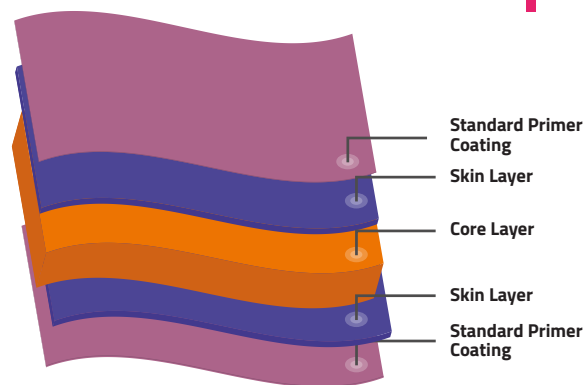
BOTH SIDES COATED-STANDARD PRIMER

F-DSC-AA is a transparent BOPET film. The film is Standard Primer Coated on both sides.

KEY FEATURES:

- High clarity
- Standard Primer coating provides excellent adhesion with inks & adhesives
- Excellent Machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures
- Hot fill & Pasteurization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES						
THICKNESS		Internal	Micron	9	10	12	15	23	36	50
			(Gauge)	36	40	48	60	92	144	200
YIELD		Internal	m ² / kg	79.36	71.42	59.52	47.62	31.05	19.84	14.28
			in ² /lb	55912	50318	41934	33550	21876	13978	10060
SURFACE TENSION (min) (Standard Primer Coated surface)		ASTM D-2578	dyne/cm	40						
COF (max) (One side to the other)		ASTM D-1894	-	0.45	0.45	0.45	0.45	0.40	0.40	0.40
HAZE (max)		ASTM D-1003	%	3.5	3.5	3.5	3.5	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	100	105	105	115	120	125
	TD			80	80	85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0						
	TD			1.0						
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	50	45	40	30	20	16
			(gm/100 in ² /day)	3.2	3.2	2.9	2.6	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	155	130	110	80	70	45
			(cc/100 in ² /day)	10.1	10.1	8.5	7.1	5.2	4.5	2.9

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-AP

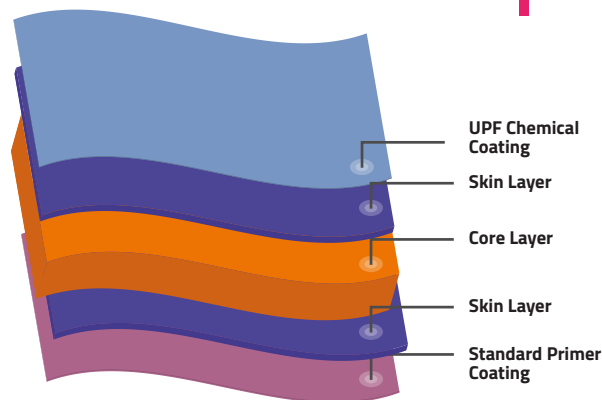
BOTH SIDES COATED-UPF CHEMICAL & STANDARD PRIMER

F-DSC-AP is a transparent BOPET film. The film is one side UPF Chemical coated with the other side being Standard Primer coated.

KEY FEATURES:

- High clarity
- Both surfaces provides excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures
- Hot fill & Pasteurization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES					
THICKNESS		Internal	Micron	10	12	19	23	36	50
			(Gauge)	40	48	76	92	144	200
YIELD		Internal	m ² / kg	71.42	59.52	37.59	31.05	19.84	14.28
			in ² /lb	50318	41934	26483	21876	13978	10060
SURFACE TENSION (min) (UPF Chemical Coated surface) (Standard Primer Coated surface)		ASTM D-2578	dyne/cm	48					
				40					
COF (max) (One side to the other)		ASTM D-1894	-	0.50	0.50	0.50	0.50	0.45	0.45
HAZE (max)		ASTM D-1003	%	3.5	3.5	4.0	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	110	115	120	125
	TD			80	85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0					
	TD			1.0					
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	35	30	20	16
			(gm/100 in ² /day)	3.2	2.9	2.3	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	90	80	70	45
			(cc/100 in ² /day)	10.1	8.5	5.8	5.2	4.5	2.9

STORAGE & HANDLING

*MD = MACHINE DIRECTION, *TD = TRANSVERSE DIRECTION

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-CA

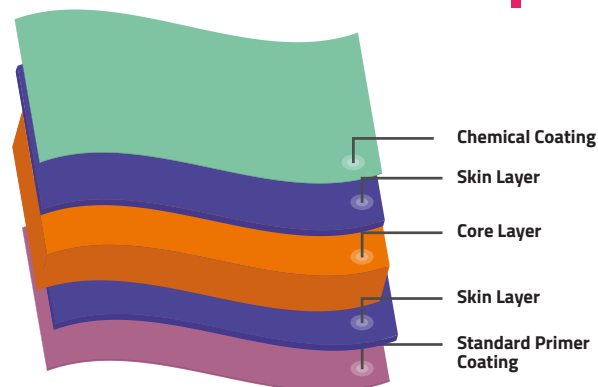
BOTH SIDES COATED-CHEMICAL & STANDARD PRIMER

F-DSC-CA is a transparent BOPET film. The film is one side Chemical Coated with the other side being Standard Primer Coated.

KEY FEATURES:

- High clarity
- Both surfaces provides excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Not suitable for hot fill, sterilization or pasteurization

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & seal Structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	23	36	50
			(Gauge)	40	48	92	144	200
YIELD		Internal	m² / kg	71.42	59.52	31.05	19.84	14.28
			in² /lb	50318	41934	21876	13978	10060
SURFACE TENSION (min) (Chemical Coated surface) (Standard Primer coated surface)		ASTM D-2578	dyne/cm	60				
				40				
COF (max) (One side to the other)		ASTM D-1894	-	0.50	0.50	0.50	0.45	0.45
HAZE (max)		ASTM D-1003	%	3.5	3.5	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			80	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	50	45	30	20	16
			(gm/100 in²/day)	3.2	2.9	2.0	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	130	80	70	45
			(cc/100 in²/day)	10.1	8.5	5.2	4.5	2.9

STORAGE & HANDLING

*MD = MACHINE DIRECTION, *TD = TRANSVERSE DIRECTION

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-CC

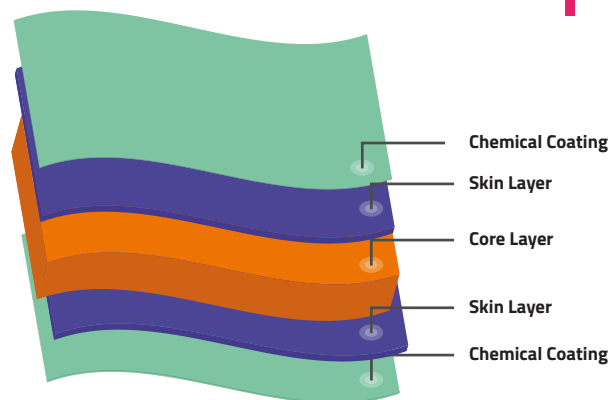
BOTH SIDES COATED-CHEMICAL

F-DSC-CC is a transparent BOPET film. The film is Chemical Coated on both sides.

KEY FEATURES:

- High clarity
- Chemical Coated Surface provides excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Not suitable for hot fill, sterilization or pasteurization

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	23	36	50
			(Gauge)	40	48	92	144	200
YIELD		Internal	m² / kg	71.42	59.52	31.05	19.84	14.28
			in² /lb	50318	41934	21876	13978	10060
SURFACE TENSION (min) (Chemical Coated Surface)		ASTM D-2578	dyne/cm	60				
COF (max) (One side to the other)		ASTM D-1894	-	0.50	0.50	0.50	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	5.0	5.5	6.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			80	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	50	45	30	20	16
			(gm/100 in²/day)	3.2	2.9	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	130	80	70	45
			(cc/100 in²/day)	10.1	8.5	5.2	4.5	2.9

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-CP

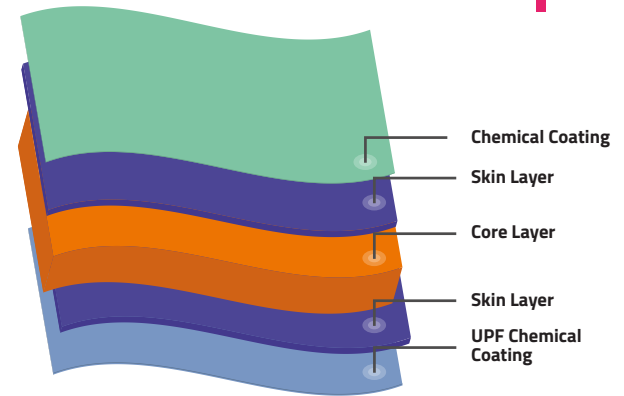
BOTH SIDES COATED-CHEMICAL & UPF CHEMICAL

F-DSC-CP is a transparent BOPET film. The film is one side UPF Chemical Coated to provide a modified functional surface with the other side being Chemical Coated.

KEY FEATURES:

- High clarity
- Both surfaces provide excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Not suitable for hot Fill, Sterilization, or Pasteurization

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	23	36	50
			(Gauge)	40	48	92	144	200
YIELD		Internal	m ² / kg	71.42	59.52	31.05	19.84	14.28
			in ² /lb	50318	41934	21876	13978	10060
SURFACE TENSION (min) (Chemical Coated Surface (UPF Chemical Coated Surface))		ASTM D-2578	dyne/cm	60				
				48				
COF (max) (One side to the other)		ASTM D-1894	-	0.50	0.50	0.50	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	5.0	5.5	6.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			80	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	30	20	16
			(gm/100 in ² /day)	3.2	2.9	2.0	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	80	70	45
			(cc/100 in ² /day)	10.1	8.5	5.2	4.5	2.9

STORAGE & HANDLING

*MD = MACHINE DIRECTION, *TD = TRANSVERSE DIRECTION

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-EE

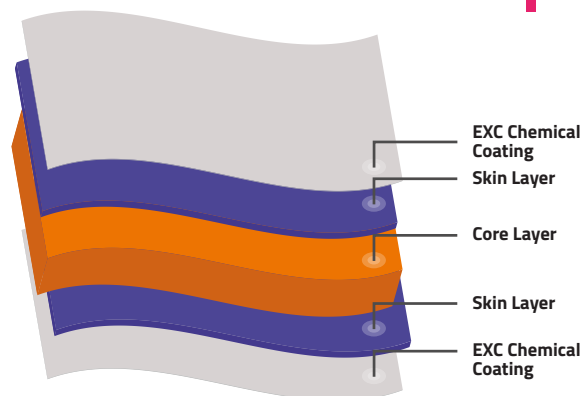
BOTH SIDES COATED - DIRECT EXTRUSION

F-DSC-EE is a transparent BOPET film. Both sides of the film are EXC Chemical coated to provide modified functional surfaces.

KEY FEATURES:

- High clarity
- No solvent emissions or residuals during extrusion coating
- Excellent machinability & handling properties
- No additional priming needed prior to extrusion

FILM STRUCTURE



APPLICATION:

- Conversion & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures
- Specially designed for direct extruded polyethylene adhesion without the need for primer

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	23	36	50
			(Gauge)	40	48	92	144	200
YIELD		Internal	m ² / kg	71.42	59.52	31.05	19.84	14.28
			in ² /lb	50318	41934	21876	13978	10060
SURFACE TENSION (min) (EXC Chemical Coated surface)		ASTM D-2578	dyne/cm	38				
COF (max) (One side to the other)		ASTM D-1894	-	0.35	0.35	0.40	0.40	0.40
HAZE (max)		ASTM D-1003	%	3.5	3.5	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			80	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	30	20	16
			(gm/100 in ² /day)	3.2	2.9	1.6	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	80	70	45
			(cc/100 in ² /day)	10.1	8.5	5.2	4.5	2.9

STORAGE & HANDLING

*MD = MACHINE DIRECTION, *TD = TRANSVERSE DIRECTION

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-HH

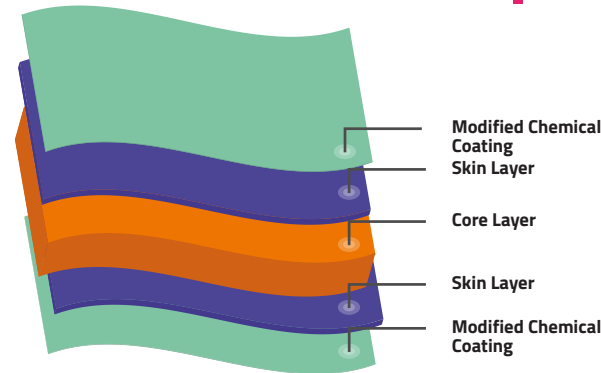
MODIFIED CHEMICAL COATED FILM

Base polyester is a specialized design for high adhesion to typical inks, adhesives and metallization.

KEY FEATURES:

- Excellent barrier properties
- High metal bond strength
- Good machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Flexible packaging
- Lamination
- Hot fill applications up to 80°C

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	11	12	23	36
			(Gauge)	44	48	92	144
YIELD		Internal	m ² / kg	64.93	59.52	31.05	19.84
			in ² /lb	45745	41934	21876	13978
SURFACE TENSION (min) (Modified Chemical Coated Surface)		ASTM D-2578	dyne/cm	42			
COF (max) (One side to the other)		ASTM D-1894	-	0.5	0.5	0.5	0.5
				0.55	0.55	0.55	0.55
HAZE (min)		ASTM D-1003	%	4.0	4.0	4.0	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1750
	TD			2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120
	TD			85	85	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	45	45	30	20
			(gm/100 in ² /day)	2.9	2.9	2.0	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	130	80	70
			(cc/100 in ² /day)	8.5	8.5	5.2	4.5

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-MM

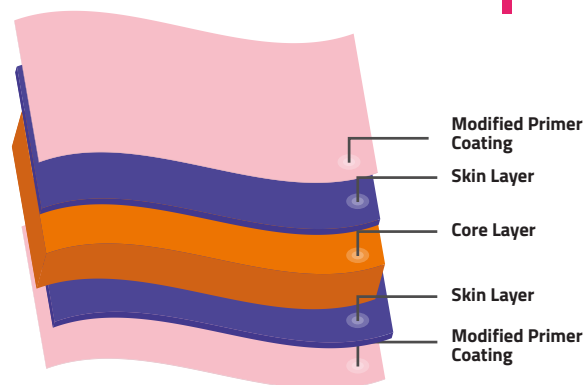
BOTH SIDES COATED-MODIFIED PRIMER

F-DSC-MM is a transparent BOPET film. The film is Modified Primer coated on both sides.

KEY FEATURES:

- High clarity
- Modified Primer coated surfaces provide excellent adhesion with inks & adhesives
- Excellent machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	23	36	50
			(Gauge)	40	48	92	144	200
YIELD		Internal	m ² / kg	71.42	59.52	31.05	19.84	14.28
			in ² /lb	50318	41934	21876	13978	10060
SURFACE TENSION (min) (Modified primer coated surface)		ASTM D-2578	dyne/cm	52				
COF (max) (One side to the other)		ASTM D-1894	-	0.45	0.45	0.45	0.40	0.40
HAZE (max)		ASTM D-1003	%	3.5	3.5	4.5	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			80	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0				
	TD			1.0				
MVTR 38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	50	45	30	20	16
			(gm/100 in ² /day)	3.2	2.9	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	155	130	80	70	45
			(cc/100 in ² /day)	10.1	8.5	5.2	4.5	2.9

STORAGE & HANDLING

*MD = MACHINE DIRECTION, *TD = TRANSVERSE DIRECTION

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-PM

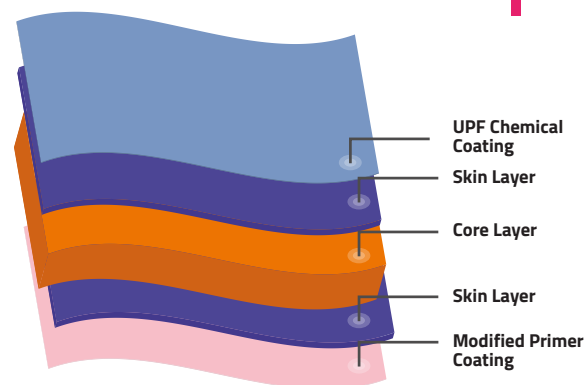
BOTH SIDES COATED - UPF CHEMICAL & MODIFIED PRIMER

F-DSC-PM is a transparent BOPET film. The film is one side UPF Chemical Coated to provide a modified functional surface with the other side being Modified Primer Coated.

KEY FEATURES:

- High clarity
- Both surface types provide excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Conversion & Metallization
- Printing & Lamination
- Form, Fill, & Seal Structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES					
THICKNESS		Internal	Micron	10	12	19	23	36	50
			(Gauge)	40	48	76	92	144	200
YIELD		Internal	m² / kg	71.42	59.52	37.60	31.05	19.84	14.28
			in² /lb	50318	41934	26483	21876	13978	10060
SURFACE TENSION (min) (UPF Chemical Coated surface) (Modified Primer Coated surface)		ASTM D-2578	dyne/cm	48					
				52					
COF (max) (One side to the other)		ASTM D-1894	-	0.35	0.35	0.40	0.40	0.40	0.40
HAZE (max)		ASTM D-1003	%	3.5	3.5	4.0	4.5	4.5	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	110	115	120	125
	TD			80	85	90	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0					
	TD			1.0					
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	50	45	35	30	20	16
			(gm/100 in²/day)	3.2	2.9	2.3	2.0	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	130	90	80	70	45
			(cc/100 in²/day)	10.1	8.5	5.8	5.2	4.5	2.9

STORAGE & HANDLING

*MD = MACHINE DIRECTION, *TD = TRANSVERSE DIRECTION

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-PP

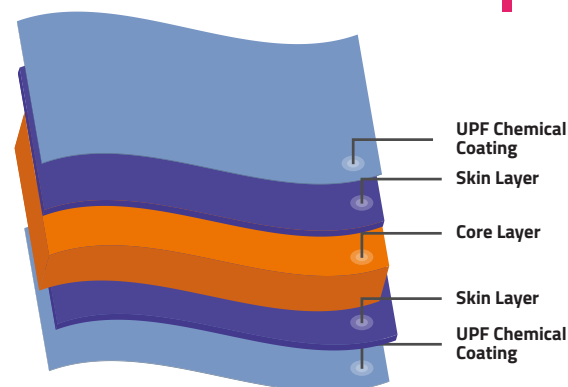
BOTH SIDES COATED-UPF CHEMICAL COATED

F-DSC-PP is a transparent BOPET film. The film is UPF Chemically Coated to provide a modified functional surface on both sides.

KEY FEATURES:

- High clarity
- UPF Chemical Coating provides excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties

FILM STRUCTURE



APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures
- Hot fill, Pasteurization, Sterilization, & Retort applications

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES					
THICKNESS		Internal	Micron	10	12	15	23	36	50
			(Gauge)	40	48	60	92	144	200
YIELD		Internal	m² / kg	71.42	59.52	47.62	31.05	19.84	14.28
			in² /lb	50318	41934	33550	21876	13978	10060
SURFACE TENSION (min) (UPF Chemical Coated Surface)		ASTM D-2578	dyne/cm	48					
COF (max) (One side to the other)		ASTM D-1894	-	0.45	0.45	0.45	0.40	0.40	0.40
HAZE (max)		ASTM D-1003	%	3.5	3.5	3.5	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD*	ASTM D-882	kg/cm²	1900	1900	1900	1900	1750	1750
	TD*			2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	110	115	120	125
	TD			80	85	85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0					
	TD			1.0					
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	50	45	40	30	20	16
			(gm/100 in²/day)	3.2	2.9	2.6	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	130	110	80	70	45
			(cc/100 in²/day)	10.1	8.5	7.1	5.2	4.5	2.9

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-DSC-UA

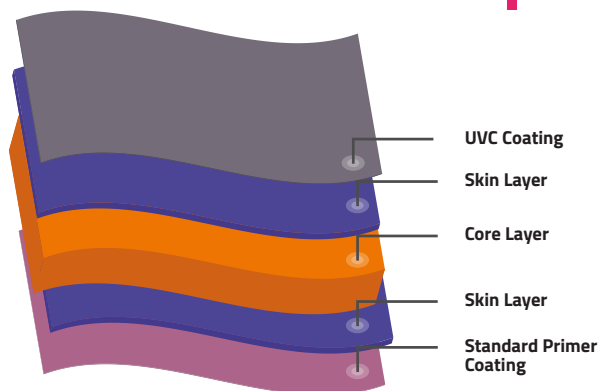
BOTH SIDES COATED - UVC & STANDARD PRIMER

F-DSC-UA is a transparent BOPET film. The film is UVC Coated on one side and Standard Primer Coated on the other side.

KEY FEATURES:

- High clarity
- Primer coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- UVC coating is suitable for UV offset sheet printing

FILM STRUCTURE



APPLICATION:

- Film is designed for UV offset sheet printing in box lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	12	23	36	50
			(Gauge)	48	92	144	200
YIELD		Internal	m ² / kg	59.52	31.05	19.84	14.28
			in ² /lb	41934	21876	13978	10060
SURFACE TENSION (min) (UVC Coated surface) (Standard Primer Coated surface)		ASTM D-2578	dyne/cm	50			
				40			
COF (max) (One side to the other)		ASTM D-1894	-	0.45	0.40	0.40	0.40
HAZE (max)		ASTM D-1003	%	3.5	4.0	4.0	4.5
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	%	105	115	120	125
	TD			85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m ² /day	40	30	20	16
			(gm/100 in ² /day)	2.6	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m ² /day	130	80	70	45
			(cc/100 in ² /day)	8.5	5.2	4.5	2.9

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied.

The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects.

Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com

F-PGS

TRANSPARENT HIGH BARRIER BOPET FILM

F-PGS is a transparent high barrier polyester film. It is one side high barrier coating with excellent oxygen & good moisture barrier properties and other side untreated /corona treated film.

KEY FEATURES:

- Excellent oxygen and Good moisture barrier
- High Transparency.
- Good laminate bond.
- Good flex crack resistance.
- Good water resistance

FILM STRUCTURE



APPLICATIONS:

- Dry Food packaging
- Film is designed where Oxygen Barrier & Water resistance is required

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	12
			(Gauge)	48
YIELD		Internal	m²/kg	59.52
SURFACE TENSION #	Coated side	ASTM D-882	dyne/cm	52
	Other side			46
COF (max) (Coated side to Non Coated side)		ASTM D-1874	-	0.55
HAZE (max)		ASTM D-1003	%	4.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900
	TD			2000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105
	TD			85
THERMAL SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0
	TD			1.0
OTR (23° C & 0% RH) (Typical)		ASTM D-3985	cc/m²/day	1.8
MVTR (38° C & 90% RH) (Typical)		ASTM D-3985	g /m²/ day	25

Ref no. QAD UFLI S/22 - F111/1

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

STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Selexible provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Selexible reserves the right to change the technical data sheet at any time without prior notice.

Selexible

Manufacturing Facilities at No. 16
 Fengxiang Rd, Wujin District,
 Changzhou City, Jiangsu, China
 ✉ sale@selexible.cn
 www.selexibleplastic.com