



## WE PACK YOUR IDEA

### farachap company

flexible packaging - film production  
print , laminate and seal

### Company Profile

Frachap company began its activities in 2006 in the field of Packaging and printing. The first phase of **Farachap's** production started with the most common machines to create job opportunities and be able to address the needs in the market .Today , with almost 100 employees in each unit (Film production, printing , slitting, laminating, sales and marketing design, purchasing , accounting , quality control and ... in a factory with an area of 23,000 square meters, is ready to serve you and the country's packaging industry.

# Flexible Packaging

## Film Production & Printing



Flexography



Packing



Film



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Iran / Isfahan / komsheche / industrial zone / tohid st.



www.farachap.com  
www.atrinfilm.com

**HIGH SPEED**

Automatic register control with 500 meter print per minute

**BETTER QUALITY PRINTING**

Better transferring color on wrapping for more quality than other flexo machines

**FASTEST DELIVERY**

With technology of rotational slaves for fastest shift changes and fastest delivery

**LOWER COST THAN HELIOGRAVURE PRINTING**

Producing cliché is more affordable than cylinder



Flexography



**Flexography printing**

**Flexo printing is kind of linear printing that came from flexus that mean flexibility.**

In this kind of printing, print comes on one flexible plate called cliché ( photopolymer plate) that made of gelatin. With flexo we can print on Polymer aluminum , papers that uses for drug , medical , food , agriculture and ... films with any size and weight



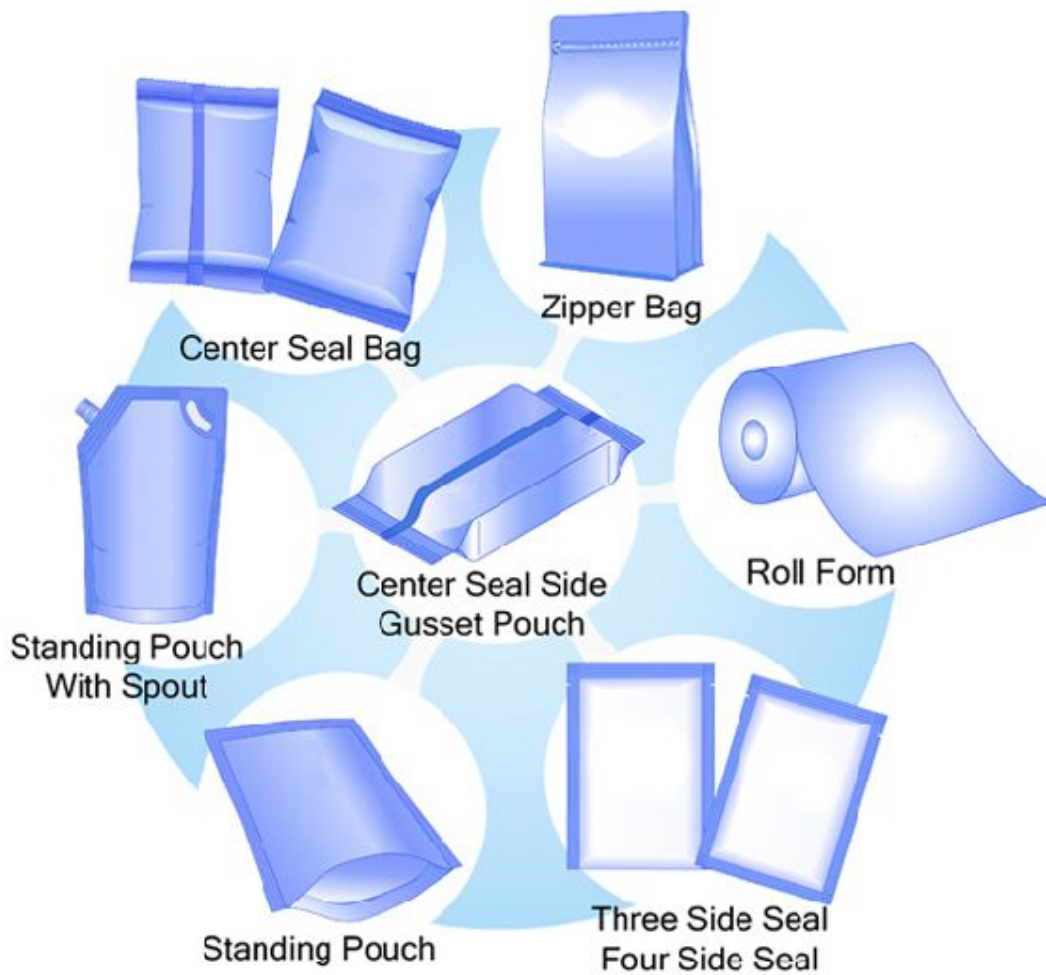
Film

## Producing packaging films

Farachap Atrin Company install and setting up 9 layer high barrier machine with 1 ton per hour in 2018 for first time in Middle East.

This machine is the latest technology and up to dated Germany product of Windmoller Company. This machine could produce high barrier Transparent Metalize and White CPP films for chips , snacks and products that is too important for sealability and keeping nitrogen gas and also food high barrier packaging for meat, milk and ... that durability is too important.





Packing

## Pouch making

Some of food producer willing to fill their goods in pouches and send it to market and also some else wants eyes on their products in the market shelves,so we should use pouch making machines that we can produce these packages.

We could not to packing some products in packaging so we used to put our products in pouches . We produce pouches like : 3 side seal 4 side seal,8 side seal,side cassette,bottom cassette zippers pouches notch tear pouches,side seal and also commercial pouches .

# Labratory



Research & Development  
eye-opening research for smart  
packaging development



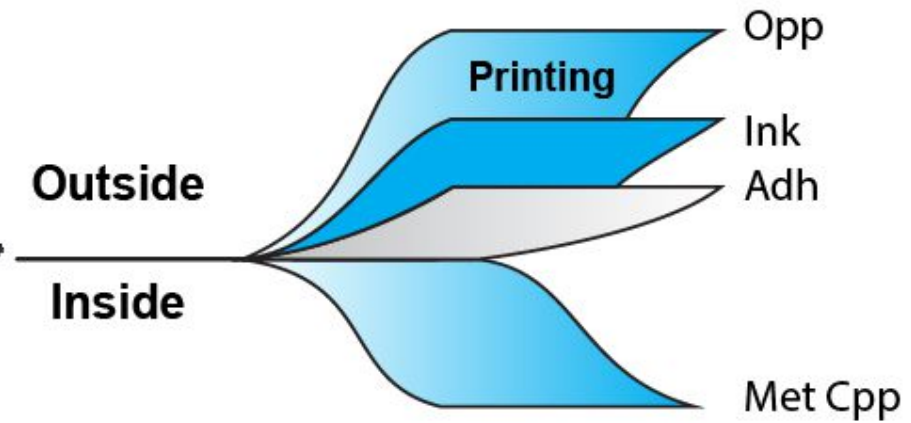


**FardChap**  
Be Unlimited

**WE PACK YOUR IDEAS**



# Chips Cake & seeds ...



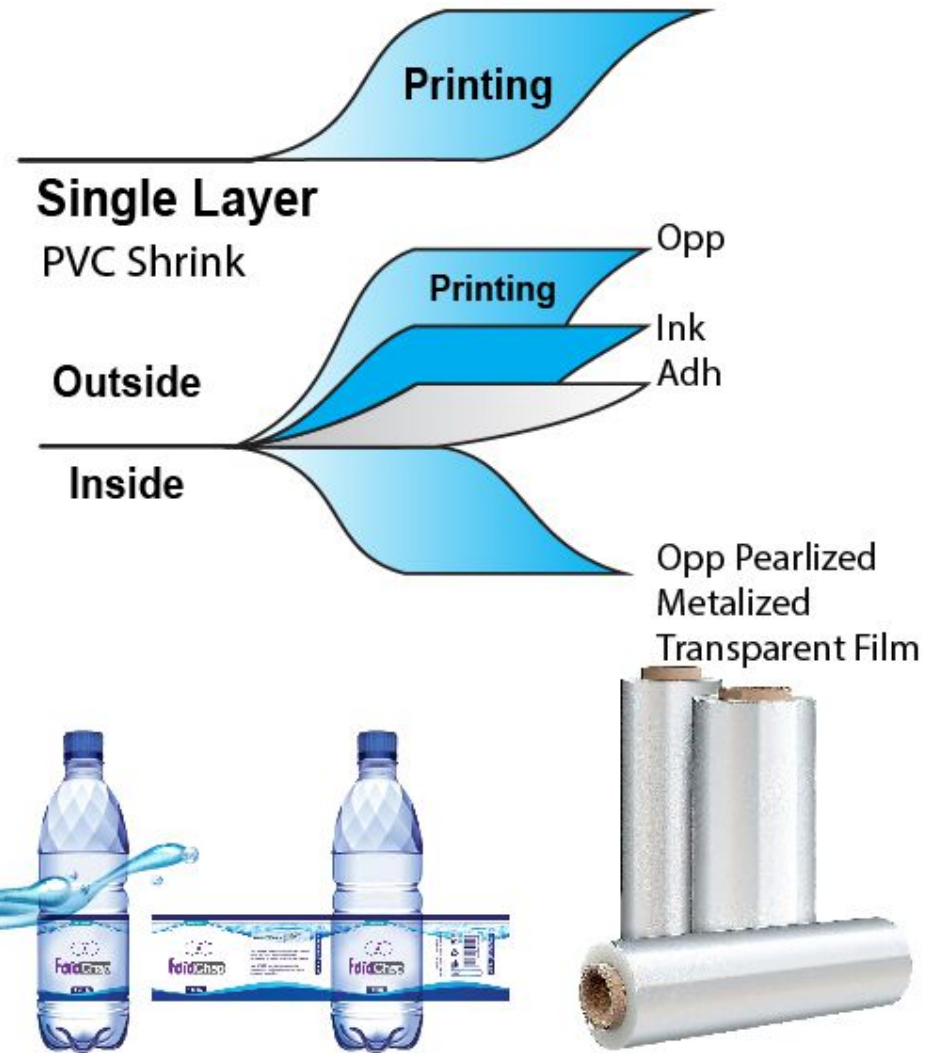
# Sweet Chocolate & Candy

Printing

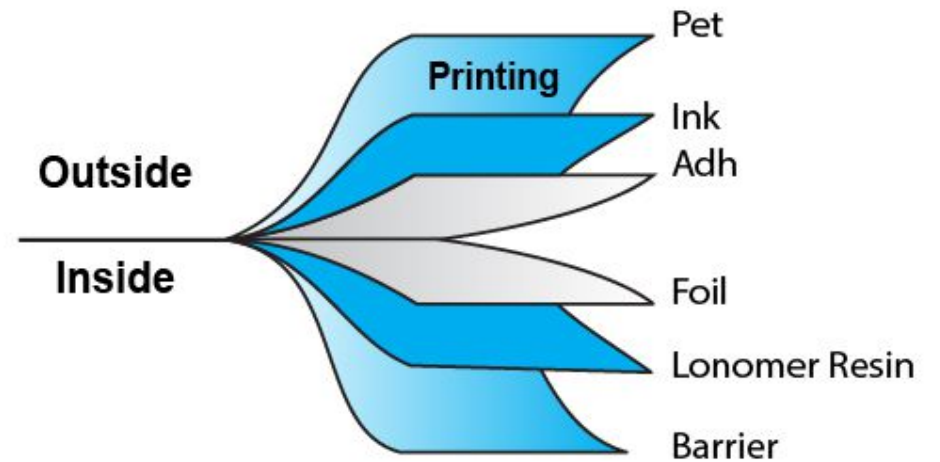
**Single Layer Twist**  
Pet Twist



# PVC Shrink & Lable



# Meat & Vegetable packing





## Bag shop

Printing

Single Layer Pe



## Flower telephon

Printing

Single Layer Opp



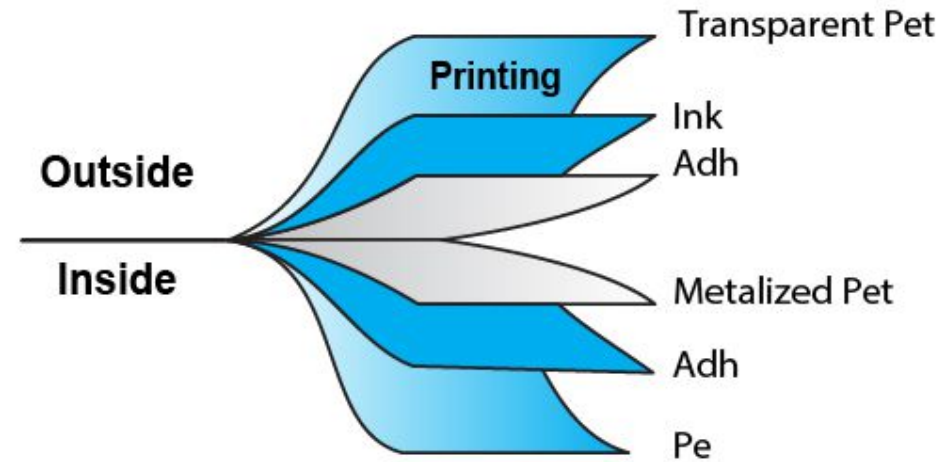
## Adhesive Tape

Printing

Single Layer Opp  
Lonomer Resin

# stand up pack

pet food  
washing powder  
nuts





**Matt & Metalized  
golden CPP**



**Milky CPP**



**Matte CPP**



**transparent CPP**



**CPP Metalized**

# CPP FILM



## CPP Metalized -Transparent -Milky - Matte FILM

### Application

- General Transparent CPP film for packaging applications
- General heat seal packaging
- One side printing and lamination
- Using for tablecloth production
- One Side corona treated and one side heat sealable



### Feature

- Good flexibility
- High Transparency
- High seal strength
- suitable for fast packaging
- Excellent anti-static
- Good opening performance

### Technical Data Sheet

Properties	Technical value							Unit	Test Method
Thickness	25	30	35	40	45	50	50	Micron	internal
	80	100	120	140	160	200	240	Gauge	
Haze	2.2	2.5	2.7	3.0	3.3	4.0	5.30	%	ASTM D-1003
Gloss	80	80	79	79	78	77	76	-	ASTM D-523
Tensile	30	30	30	30	30	30	30	Mpa TD	ASTM D-882
	40	40	40	40	40	40	40	Mpa MD	
Elongation	650	650	650	650	650	650	650	% TD	ASTM D-882
	500	500	500	500	500	500	500	% MD	
Density	0.91	0.91	0.91	0.91	0.91	0.91	0.91	g/cm <sup>3</sup>	ASTM D-1505
Grammage	18.2	22.75	27.3	31.85	36.4	45.5	54.6	Gm/m <sup>2</sup>	internal
C.O.F	0.15 $\geq$ $\leq$ 0.25	0.15 $\geq$ $\leq$ 0.25	0.15 $\geq$ $\leq$ 0.25	0.15 $\geq$ $\leq$ 0.25	0.15 $\geq$ $\leq$ 0.25	0.15 $\geq$ $\leq$ 0.25	0.15 $\geq$ $\leq$ 0.25	-	ASTM D-1894
Sealing Strength	8	8	8	8	8	8	8	N/15mm	internal
Heat Seal Initiation Temperature	115	115	115	115	115	115	115	-C	internal
Treatment Level (corona treated side)	40	40	40	40	40	40	40	mN/m	ASTM D-2578

# CPP METALIZED FILM



### TECHNICAL DATA SHEET CPP FILM

<b>Product Description</b>	General CPP film for packaging applications One Side corona treated and one side sealable One side metallized and can be laminated on all types
<b>Product Application</b>	one side metallized and can be laminated on all types
<b>Technical Features</b>	* Excellent Surface Gloss and Clarity. * Good surface Energy Retention * Good Sealing Properties * Excellent Machinability

Properties	Technical value					Unit	Test method
Thickness	20 $\pm$ 1	25 $\pm$ 1	30 $\pm$ 1	40 $\pm$ 1	50 $\pm$ 1	Micron	Internal
Optical density	1.7>	1.7>	1.7>	1.7>	1.7>	%	ASTM D1003
Tensile Strength	30 $\leq$	30 $\leq$	30 $\leq$	30 $\leq$	30 $\leq$	Mpa TD	ASTM D882
	40 $\leq$	40 $\leq$	40 $\leq$	40 $\leq$	40 $\leq$	Mpa TD	ASTM D882
Elongation	650 $\geq$	650 $\geq$	650 $\geq$	650 $\geq$	650 $\geq$	% TD	ASTM D882
	500 $\geq$	500 $\geq$	500 $\geq$	500 $\geq$	500 $\geq$	% TD	ASTM D882
Corona Intensity	38 $\geq$	38 $\geq$	38 $\geq$	38 $\geq$	38 $\geq$	mN/m	ASTM D2578
Grammage	18.2	22.75	27.3	36.4	45.5	g/m <sup>2</sup>	Internal
Density	0.91	0.91	0.91	0.91	0.91	g/cm <sup>3</sup>	ASTM D1505
Static friction coefficient	0.5	0.5	0.5	0.5	0.5	Untreated/untreated	ASTM D1894
Kinetic friction coefficient	0.4	0.4	0.4	0.4	0.4	Untreated/untreated	ASTM D1894
Sealing strength	8 $\geq$	8 $\geq$	8 $\geq$	8 $\geq$	8 $\geq$	N/25mm	Internal

# CPP TRANSPARENT FILM

# CPP MATT FILM



## Technical Data Sheet

Properties	Technical value							Unit	Test Method
Thickness	20±3%	25±3%	30±3%	35±3%	40±3%	50±3%	60±3%	Micron	FC
Haze	2.2±1	2.5±1	2.7±1	3±1	3.3±1	4±1	5±1	%	
Gloss	≥ 75							-	ASTM D-523
Tensile	30	30	30	30	30	30	30	Mpa TD	ASTM D-882
	40	40	40	40	40	40	40	Mpa MD	
Elongation	650	650	650	650	650	650	650	% TD	ASTM D-882
	500	500	500	500	500	500	500	% MD	
Density	0.91	0.91	0.91	0.91	0.91	0.91	0.91	g/cm <sup>3</sup>	ASTM D-1505
Grammage	18.2	22.75	27.3	31.85	36.4	45.5	54.5	g/m <sup>2</sup>	FC
C.O.F (untreated to untreated)	0.3 ≤ C.O.F ≤ 0.35							-	ASTM D-1894
Sealing Strength	> 3							N/15mm	FC
Heat Seal Initiation Temperature (untreated)	≥ 112							°C	FC
Treatment Level (Corona treated side)	≥ 38							mN/m	ASTM D-2578

This film complies with the food standards. Full detail can be provided on request. FC Complex film does not guarantee the typical values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. This Information relates only to specific material designated and may not be valid for such material used in combination with any other material or in any process. FC Complex strongly suggest that before any vast usage make sure to test our production first.

**Storage:** Keep the rolls in room temperature between 10-25 °C, humidity below 10%. Rolls should be transferred to the production line 24 hours before use in order to keep them at ambient temperature. The rolls should be kept in cool dry place and away from direct sunlight.

### STORAGE & HANDLING

FLEXCPP™ does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties.

It is advisable to use the material on FIFO basis. The film should be kept at operating environment for 24 hours before processing. FLEXCPP™ is best suitable for use within 3 months from date of dispatch.

### FOOD CONTACT

FLEXCPP™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

## Technical Data Sheet

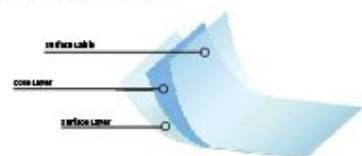
Properties	Technical value			Unit	Test Method	
Thickness	25	30	38	Micron	internal	
	100	120	172	Gauge		
Haze	80	80	80	%	ASTM D-1003	
Gloss	Matty side	10	10	10	unit	ASTM D-2457
	Glossy side	45	45	45	unit	
Tensile	kg/cm <sup>2</sup>		750	MD	ASTM D-882	
			325	TD		
	(KPsi)		9.9	MD		
4.6			TD			
Elongation	600			%	ASTM D-882	
	500			TD		
				%		
Density	0.87			gm/cc	ASTM D-1505	
Grammage	21.7	26.1	33	gm/m <sup>2</sup>	internal	
Yield	46.1	38.3	30.3	m <sup>2</sup> /kg	internal	
	32408	26925	31301	in <sup>2</sup> /lb		
Treatment Level	38			dyne/cm	ASTM D-2578	
C.O.F	Dynamic		0.35± 0.05	-	internal	
Sealing Strength	(MIN.)	1700	2000	2100	gm/25mm	internal
Heat Seal Initiation Temperature	125			°C	internal	
Water Vapor Transmission Rate (38°C&90%)	12	11	10	gm/m <sup>2</sup> /day	F-1249	
	0.8	0.7	0.6	(gm/100in <sup>2</sup> /day)		
Oxygen Transmission Rate (23°C&0%RH)	3850	3750	3650	cc/m <sup>2</sup> /day	D-3985	
	248	242	235	(cc/100in <sup>2</sup> /day)		

### 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. Flex 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. Flex reserves the right to change the technical data sheet at any time without prior notice.

# PVC SHRINK FILM

Transparent , Metalized , Pearlized Label Film



## Application

The single-side corona product can be printed and used for surround labeling of SOFT drinks in PET bottles .The product has high stiffness and can meet the requirements of high-speed labeling machines.

Both sides treated products can act as self-adhesive labels after printing on the main treated side , glue coated on the opposite side and laminated with release paper.

## Feature



High stiffness , which can meet the requirements of high-speed labeling machines



High whiteness , good shading



Has higher gloss and pearl luster



Extremely low density , low grammage , low cost



Bonds well with hot melt glue

## Typical Thickness

28-80mic. Special specification can be customized according to customer requirements.

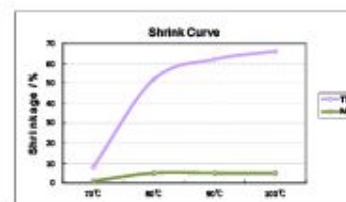


## Technical Data Sheet

Item	Test Method	Unit	Value	
Tensile Strength	MD	GB/T 1040.3-06	MPa	≥75
	TD		≥140	
Fracture Minimal Strain	MD	GB/T 1040.3-06	%	≤160
	TD		≤60	
Heat Shrinkage	MD	GB/T 10003-2008	%	≤4.0
	TD		≤2.0	
Haze	GB/T 2410-2008	%	≤48	
Friction Coefficient	Treated Side	GB/T 10006-88	μN	≥0.25, ≤0.4
	Non-Treated Side			≤0.45
Wetting Tension	GB/T 14216-2008	mN/m	≥38	
Heat sealing strength	GB/T 10003-2008	N/15mm	≥2.0	
Whiteness	GB/T 2913	%	≥88	
Density	GB/T 8343	g/cm <sup>3</sup>	≤0.7	

The values given in the above table are typical performance data for reference only.

Properties	Unit	Data		Test Method	
		TD	MD		
Tensile Strength	kgf/cm <sup>2</sup>	1477.9	380.3	ASTM D 882	
Elongation	%	19.3	256.3		
Tear Resistance	kgf/cm	2136.6	532.4	ASTM D 1938	
Heat Shrinkage (Tolerance : ± 3%)	%		70 °C	8	Soaking into hot water for 10sec
			80 °C	52	
			90 °C	62	
			100 °C	66	



- \* This information is based on currently available technical materials.
- \* The data is subject to change due to new experience and knowledge.
- \* The information contained herein is for informational purposes only and is not promised or guaranteed anything.

# CPE FILM



## Application

General Transparent CPE film for packaging applications . General heat seal packaging One side printing and lamination . Using for tablecloth production . One Side corona treated and one side heat sealable

## Feature



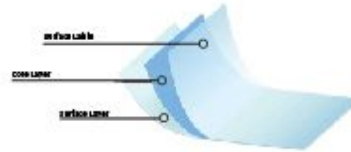
Excellent clarity and transparency



Good sealing strength



Excellent machinability and handling properties



## Technical Data Sheet

Properties	Technical value							Unit	Test Method
Thickness	25	30	35	40	45	50	50	Micron	Internal
	80	100	120	140	160	200	240	Gauge	
Haze	2.0	2.2	2.5	2.7	3.0	3.3	4.0	%	ASTM D-1003
Gloss	90	90	89	89	88	87	86	-	ASTM D-523
Tensile	30	30	30	30	30	30	30	Mpa	ASTM D-882
	40	40	40	40	40	40	40	TD	
								Mpa	
Elongation	800	800	800	800	800	800	800	MD	ASTM D-882
								%	
								TD	
								%	
Density	0.91	0.91	0.91	0.91	0.91	0.91	0.91	g/cm <sup>3</sup>	ASTM D-1505
Grammage	18.2	22.75	27.3	31.85	36.4	45.5	54.6	Gm/m <sup>2</sup>	Internal
C.O.F	0.25 <sub>≥</sub> ≤0.35	0.25 <sub>≥</sub> ≤0.35	0.25 <sub>≥</sub> ≤0.35	0.25 <sub>≥</sub> ≤0.35	0.25 <sub>≥</sub> ≤0.35	0.25 <sub>≥</sub> ≤0.35	0.25 <sub>≥</sub> ≤0.35	-	ASTM D-1894
Sealing Strength	10	10	10	10	10	10	10	N/15mm	Internal
Heat Seal Initiation Temperature	110	110	110	110	110	110	110	°C	Internal
Treatment Level (corona treated side)	40	40	40	40	40	40	40	mN/m	ASTM D-2578

# Adhesive Tape Film



## Application

Normally to be based film for lape making



## Feature



High transparency and gloss



High tensile strength



Excellent dimensional stability



Excellent ink and coating adhesion



Good water vapor barrier performance

## Typical Thickness

23 -25 - 27 - 35mic, Special specifications can be customized according to customer requirements.



## Technical Data Sheet

Properties	Technical value		Unit	Test Method
Tensile Strength	MD	≥ 140	MPa	GB/T 1040.3-2006
	TD	≥ 280		
Fracture Nominal Strain	MD	≥ 170	%	GB/T 1040.3-2006
	TD	≥ 60		
Heat Shrinkage	MD	≥ 4.0	%	GB/T 10003-2008
	TD	≥ 2.5		
Friction Coefficient	Treated Side	≥ 4.0	μN	GB/T 10006-1988
	Non-Treated Side	≥ 2.5		
Haze	12.23	≥ 1.2	%	GB/T 2410-2008
	24-60	≥ 1.5		
Gloss		≥ 90	%	GB/T 8807-1988
Wetting Tension	Treated Side	40	mN/m	GB/T 14216-2008
	Non-Treated Side	-		
Density		0.91	g/cm <sup>3</sup>	GB/T 6343

The values in the above table are typical performance data for reference only.

# MATT PET FILM



## Application

Matt PET film for flexible packaging; applicable in printing and lamination. This film is not recommended for processes with high heat tension like sterilization and pasteurization applications.



## Feature

- wide range of inks and adhesives
- One side matt film with medium gloss
- Excellent flatness and dimensional stability
- Chemical coated side provide excellent adhesion to
- Stable wetting tension in long periods on coated side
- Good machinability

## Technical Data Sheet

Properties	Technical value	Unit	Test Method
Yield	59.5	m <sup>2</sup> /Kg	ASTM D-4321
Tensile	MD	140	N/mm <sup>2</sup> ASTM D-882
	TD	160	
Elongation	MD	100	% ASTM D-882
	TD	80	
Thermal Shrinkage (150°C, 30 min)	MD	2	% ASTM D-1024
	TD	1	
Haze	46±5	%	ASTM D-1003
Gloss(45°)	Matt side 38±4	%	ASTM D-2457
C.O.C	Matt -Matt 0.35	-	ASTM D-1894
Wetting Tension	Matt side	-	Dyne/cm ASTM D-2578
	Glossy side	48	
MVTR (38°C, 90% RH)	45	g/m <sup>2</sup> /day	ASTM f 1249
OTR (23°C, 0% RH)	130	cc/m <sup>2</sup> /day	ASTM D-3985

**Storage and Handling :** Petpak need to be stored in a closed place and should be prevented to expose to direct sunlight or light sources. It is recommended to store at conditions not exceeding 35 °C and in relative humidity less than 80%.

**Food Contact :** This film complies with the EU and FDA regulations. Specific documents are available upon request.

**Disclaimer :** PETCO does not guarantee the typical values. Any data included herein is based on the analysis of representative samples and not the actual product shipped. NO guarantee is made regarding information presented in this document. The user is solely responsible for all determinations regarding use and therefore PETCO denies any responsibility for any loss or damage that may occur from the use of this information.

PETCO strongly suggests that before any vast usage, make sure to study "Customer's Guide" and test our product in limited amounts.

# TRANSPARENT PET FILM



## Product Description:

FC -GPET-12 is a transparent polyester film  
It is one side chemical treated & other side corona treated



## Application

- Conversion
- Printing & lamination
- FFS machine
- Lamination for hot fill application

## Feature

- Very good transparency & clarity
- One side primer coating provide excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- Outside corona treated for improved bond with outer substrate

## Technical Data Sheet

Properties	Technical value			Unit	Test Method
Thickness	10	12	23	Micron	-
	40	48	92	Gauge	
Haze	4.0	4.0	5.0	%	ASTM D-1003
Gloss	115	115	110	-	ASTM D-523
Yield	71.42	59.52	31.05	m <sup>2</sup> /Kg	-
	50318	41934	21876	in <sup>2</sup> /lb	
Tensile	196	196	196	Mpa	ASTM D-882
	186	186	186	Mpa	
Elongation	80	85	90	%	ASTM D-882
	100	105	115	%	
Linear Shrinkage (Min) (30 minute at 150°C)	<1.0			%	ASTM D-1204
	<3.0			%	
Density	1.4	1.4	1.4	gm/cc	ASTM D-1505
Grammage	14	16.8	32.2	gm/m <sup>2</sup>	-
C.O.F (plain to plain)	0.50	0.50	0.50	-	ASTM D-1894
O.T.R.(23°C & 0%RH)	155	130	80	cc/m <sup>2</sup> /day	ASTM D-3985
	10.1	8.5	5.2	cc/100in <sup>2</sup> /day	
W.V.T.R.(38°C & 90%RH)	50	45	30	gm/m <sup>2</sup> /day	ASTM F-1249
	3.2	2.9	2.0	gm/100in <sup>2</sup> /day	
Treatment Level (Corona treated side)	60	60	60	mNm	ASTM D-2578
Treatment Level (Primer coated side)	42	42	42	mNm	ASTM D-2578

This film complies with the food standards. Full detail can be provided on request.

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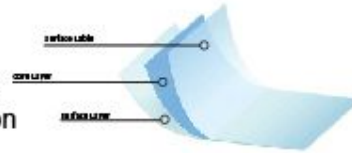
# TWIST PET FILM

# METALIZED PET FILM



## Production

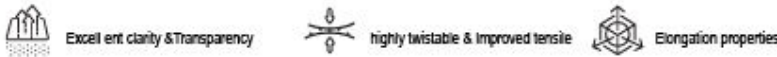
FC-3ETN10 is a transparent Twist Polyester Film with Antistatic it is one side corona treated & other side coat of Antistatic solution



## Application

printing and packaging & Twist wrapping if candies, Chocolates and caramels

## Feature



## Technical Data Sheet

Properties	Technical value			Unit	Test Method
Thickness	18 ± 3%	20 ± 3%	23 ± 3%	Micron	FC
Haze	3.5±1	3.5±1	5.0±1	%	ASTM D-1003
Gloss	120±5			-	ASTM D-523
Yield	39.68	35.71	31.05	m <sup>2</sup> /Kg	FC
Tensile	260±20			Mpa	TD
	240±20			Mpa	MD
Elongation	90±15			%	TD
	150±15			%	MD
Linear Shrinkage (Min) (30 minute at 150°C)	25 < L.SH ≤ 30 31 ≤ L.SH ≤ 33			%	TD
Density	1.4	1.4	1.4	g/cm <sup>3</sup>	ASTM D-1505
Grammage	25.2	28	32.2	g/m <sup>2</sup>	FC
C.O.F (Antistatic to antistatic side)	0.25 ≤ C.O.F ≤ 0.35			-	ASTM D-1894
O.T.R.(23°C & 0%RH)	90	90	80	cc/m <sup>2</sup> /day	ASTM D-3985
W.V.T.R.(38°C & 90%RH)	5.8	5.8	5.2	cc/100in <sup>2</sup> /day	ASTM F-1249
	35	35	30	g/m <sup>2</sup> /day	
Treatment Level (Corona treated side)	2.3	2.3	2.0	g/100in <sup>2</sup> /day	ASTM D-2578
	60	60	60	mN/m	

This film complies with the food standards . Full detail can be provided on request . FC CO film does not guarantee the typical values . Any data included herein is based upon analysis of representative samples and not the actual product shipped . This Information relates only to specific material designated and may not be valid for such material used in combination with any other material or in any process. FC CO strongly suggest that before any vast usage, make sure to test our production first .Storage keep the inroom temperature between 10-25 C mhumidity below 10% Rolls should be transferred to the production line 24 hours before use in order to keep them at ambient temperature ,The rolls should be kept.

## Application

Dairy product Application

## Feature



Properties	Technical value			Unit	Test Method
OPTICAL DENSITY*** (TOLERANCE : +/- 5%) ( *** Customer to specify the O.D. value as per their application )	Standard Density (SD) 2.2 - Normal Packaging Application High Density (HD) 2.5 - High Barrier Application Very High Density (VHD) 2.8 - Special Application				
Thickness	23	36		Micron	Internal
	92	144		Gauge	
Yield	31.05	19.84		m <sup>2</sup> /Kg	Internal
	21876	13978		In <sup>2</sup> /lb	
C.O.F (max) one side to the other side	0.70	0.70		-	ASTM D-1894
Tensile Strength at break (min)	MD	2000	2000	kg/cm <sup>2</sup>	ASTM D-882
	TD	2200	2200		
	MD	28500	28500	(Psi)	
	TD	31250	31250		
ELONGATION AT BREAK (min)	MD	120	140	%	ASTM D-882
	TD	110	130	%	
LINEAR SHRINKAGE (max) (30 Minute at 105°C)	MD	1.5		-	ASTM D-1204
	TD	0.6		-	
WVTR (38°C & 90%RH) (typical)	SD	HD	VHD	gm/m <sup>2</sup> /day	ASTM D-1249
	1.0	0.6	0.4		
OTR (23°C & 0%RH) (typical)	0.06	0.04	0.03	(gm/100in <sup>2</sup> /day)	ASTM D-3985
	1.1	1.0	0.8	cc/m <sup>2</sup> /day	
	0.07	0.06	0.05	(cc/100in <sup>2</sup> /day)	

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

### STORAGE & HANDLING

FLEXMETPROTECT™ 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, FLEXMETPROTECT is suitable for use within 180 days from the date of shipment.

### FOOD CONTACT

FLEXMETPROTECT™ complies with EU and FDA regulations on plastic materials used for food grade application. Specific documents and SD 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. Flex 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. Flex reserves the right to change the technical data sheet at any time without prior notice.

# POLYETHYLENE FILM

## description

Polyethylene coextruded packaging film, in rolls, is intended for the production of flexible packaging of food products, household chemicals, medical products, and is also used as a basis for the production of combined materials and structures:

- PP/PE;
- PET/PE;
- PET/Foil/PE;
- Paper/PE and others



## Application

- |                     |   |
|---------------------|---|
| Lamination film     | Film for packaging milk and fertilizers                       |
| Peel effect film    | Biodegradable film  |
| Antifog effect film | Film for the construction Industry and technical applications |

## Feature

-  Minimum thickness variation
-  High Physical and mechanical characteristic
-  Optimal friction coefficient
-  Stable high-quality weldability in various temperature ranges
-  Lack of sags and irregularities contact with food

## Packages Doy-Pack, Sachet, etc

Our company offers you a unique recipe of polyethylene film, which fully meets all the necessary packaging requirements Doy-Pack (doy-pack). Its main characteristic is high physical and mechanical properties and good weldability in a different temperature range which allows to ensure the quality and production stability.



## Bulk materials

Packaging of bulk materials (cereals, sugar, salt, starch, mustard, powdered milk, pasta) implies the presence of fine dust that interferes with the packing process. To solve this problem, our company offers a film with high strength welds, as well as with the use of special antistatic additives that allow to avoid package contamination.



## Frozen products

The modern system of storage and transportation of frozen products requires careful selection of packaging. Our company offers a wide range of polyethylene films, which have such properties as resistance to cracking at low temperatures, elasticity, transparency, as well as high impact strength.



## Household chemicals

Our company offers a special type of polyethylene films, a feature of which is that the quality of the weld should exclude the process of evaporation of alcohol. Packaging of hygiene products, including wet wipes, implies that the film meets hygienic standards, which is fully ensured in our production.





## WE PACK YOUR IDEAS

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