

POLFILM

The Art of Packaging



Flexible Packaging Applications (Product Portfolio)

Flexible Packaging

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graph TD; A[Flexible Packaging] --- B[Transparent]; A --- C[Matt]; A --- D[Metalized]; A --- E[White Voided]; A --- F[Metalized White Voided];
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Transparent

Matt

Metalized

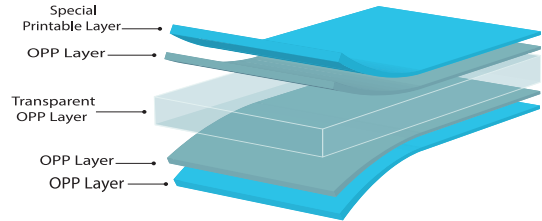
White Voided

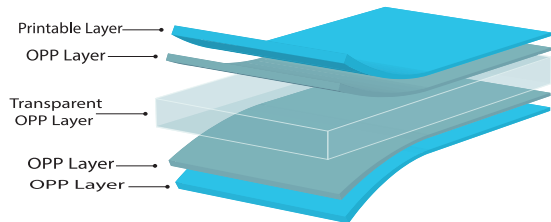
Metalized
White Voided

Polin 121 CP

Application: Cold seal packaging applications. It can be used as printing substrate & lamination substrate to itself and to other films. Polin 121 CP can be used as printing substrate for missing-dot-free printing.

Specification	Unit	Value	
Thickness	μm	15	20
Yield	m^2 / Kg	73.2	54.9
Unit weight	g/m^2	13.7	18.2





Application: Cold seal packaging applications. It can be used as printing substrate & lamination substrate to itself and to other films.

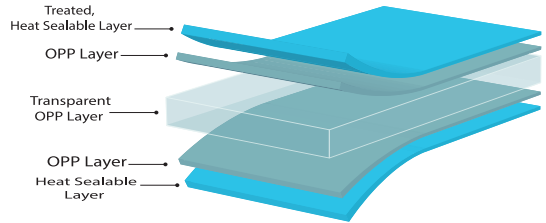
Specification	Unit	Value	
Thickness	μm	15	20
Yield	m^2 / Kg	73.2	54.9
Unit weight	g/m^2	13.7	18.2



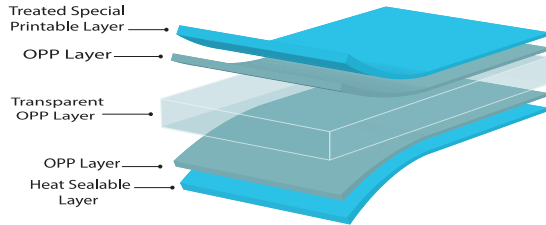
Polex 221 S

Application: General purpose packaging film for using on HFFS and VFFS machines. It can be used as single ply or as lamination substrate to itself and to other films.

Specification	Unit	Value				
Thickness	μm	20	25	30	40	50
Yield	m ² /Kg	54.9	44.0	36.6	27.5	22
Unit weight	g/m ²	18.2	22.8	27.3	36.4	45.5



Polex 321 S



Application: General purpose packaging film for using on HFFS and VFFS machines. It can be used as single ply or as lamination substrate to itself and to other films. Polex 321 S can be used as printing substrate (for missing-dot-free printing) & lamination substrate to itself and to other films.

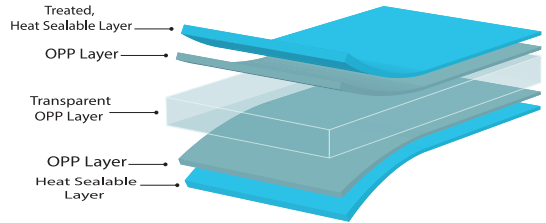
Specification	Unit	Value		
Thickness	μm	20	25	30
Yield	m^2 / Kg	54.9	44.0	36.6
Unit weight	g/m^2	18.2	22.8	27.3



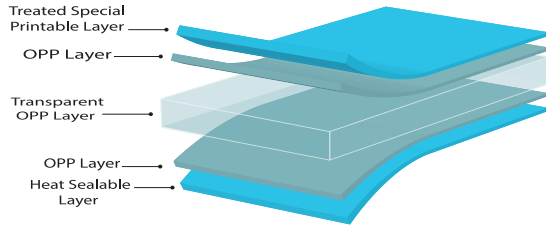
Polex 221 D

Application: General purpose packaging film for using on HFFS and VFFS machines. It can be used as single ply or as lamination substrate to itself and to other films. Heat sealing threshold of Polex221 D is lower than 105 °C.

Specification	Unit	Value				
Thickness	μm	20	25	30	40	50
Yield	m ² /Kg	54.9	44.0	36.6	27.5	22
Unit weight	g/m ²	18.2	22.8	27.3	36.4	45.5



Polex 321 D



Application: General purpose packaging film for using on HFFS and VFFS machines. It can be used as single ply or as lamination substrate to itself and to other films. Polex 321 S can be used as printing substrate (for missing-dot-free printing) & lamination substrate to itself and to other films. Heat sealing threshold of Polex 321D is lower than 105 °C.

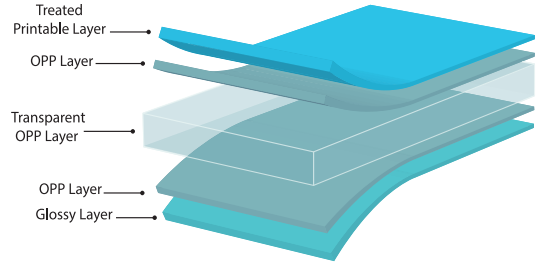
Specification	Unit	Value		
Thickness	μm	20	25	30
Yield	m^2 / Kg	54.9	44.0	36.6
Unit weight	g/m^2	18.2	22.8	27.3



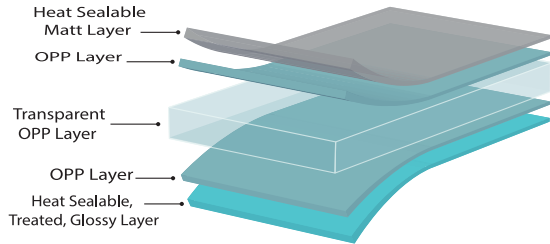
Polable 121 LPH

Application: Transparent BOPP film, specifically developed for single ply roll-fed bottle labels. This film can also be used for other kinds of applications such as cut & stack.

Specification	Unit	Value
Thickness	μm	40
Yield	m^2 / Kg	27.5
Unit weight	g/m^2	36.4



Polexmatt 251 S



Application: Suitable for lamination processes where matt effect is desired. Matt finish layer gives a non-reflective surface.

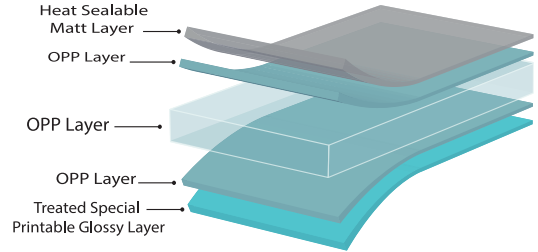
Specification	Unit	Value
Thickness	μm	20
Yield	m^2 / Kg	58.1
Unit weight	g/m^2	17.2

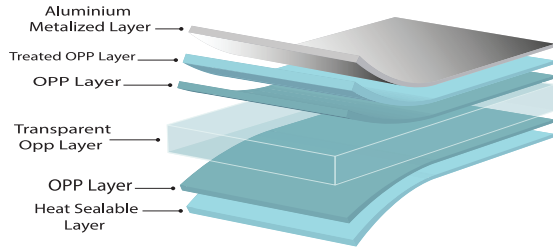


Polexmatt 351 S

Application: Suitable for lamination processes where matt effect is desired. Matt finish layer gives a non-reflective surface. Polexmatt 351 S can be used as printing substrate (for missing-dot-free printing) & lamination substrate to itself and to other films.

Specification	Unit	Value
Thickness	μm	20
Yield	m^2 / Kg	58.1
Unit weight	g/m^2	17.2





Application: For packaging of snacks, chips, biscuits, ice-creams, coffee, etc where the barrier properties are required. It can be printed and laminated with BOPP, BOPET and other substrates.

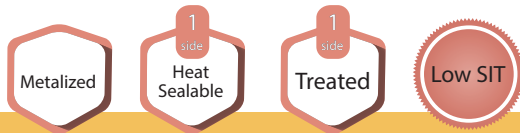
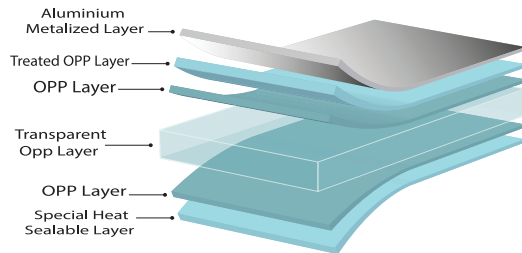
Specification	Unit	Value	
Thickness	μm	18	20
Yield	m^2 / Kg	61.1	54.9
Unit weight	g/m^2	16.4	18.2



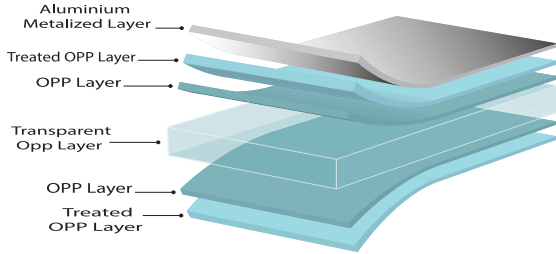
Polet 381 D

Application: For packaging of snacks, chips, biscuits, ice-creams, coffee, etc where the barrier properties are required. It can be printed and laminated with BOPP, BOPET and other substrates. Heat sealing threshold of Polet 381 D is lower than 105 °C.

Specification	Unit	Value	
Thickness	µm	18	20
Yield	m ² / Kg	61.1	54.9
Unit weight	g/m ²	16.4	18.2



Application: This film can be used for cold seal application and also for gift and flower wrapping.



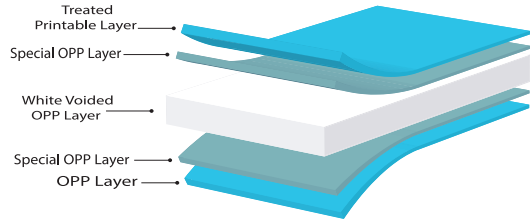
Specification	Unit	Value
Thickness	μm	20
Yield	m ² / Kg	54.9
Unit weight	g/m ²	18.2

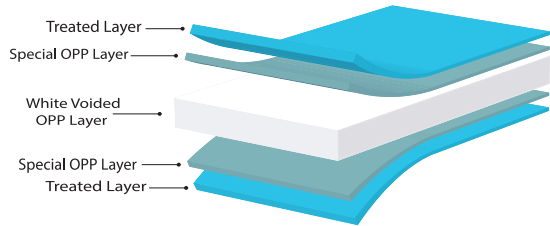


Poler 141 S

Application: This film is mostly used as wrapping in food packaging especially as liner layer between food and the main packaging film in products such as toffees, candies, etc.

Specification	Unit	Value
Thickness	μm	25
Yield	m^2 / Kg	52.9
Unit weight	g/m^2	18.9





Application: Cold sealable, white voided film for single or multilayer packaging of cakes, chocolates and wherever pearlized effect is required. White color of this film eliminates the need for white base color print.

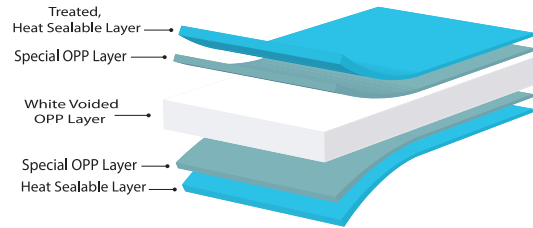
Specification	Unit	Value		
Thickness	μm	30	35	50
Yield	m ² / Kg	47.6	40.8	28.6
Unit weight	g/m ²	21	24.5	35



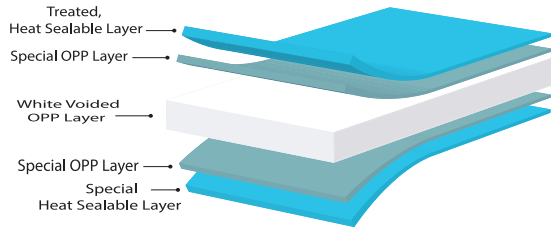
Poler 241 S

Application: General purpose, for ice-cream, wafers, snacks, biscuits and packaging applications, wherever pearlized effect is required. White color of this film eliminates the need for white base color print.

Specification	Unit	Value		
Thickness	μm	25	30	35
Yield	m^2 / Kg	52.9	47.6	40.8
Unit weight	g/m^2	18.9	21	24.5



Poler 241 D



Application: General purpose, for ice-cream, wafers, snacks, biscuits and packaging applications, wherever pearalized effect is required. White color of this film eliminates the need for white base color print. Heat sealing threshold of Poler 241 D is lower than 105 °C.

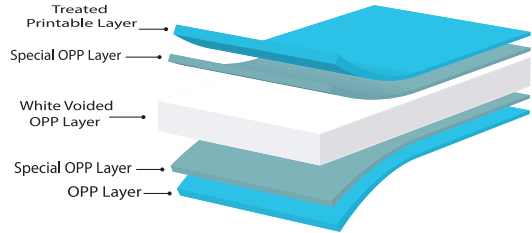
Specification	Unit	Value		
Thickness	µm	28	30	35
Yield	m ² / Kg	52.9	47.6	40.8
Unit weight	g/m ²	18.9	21	24.5

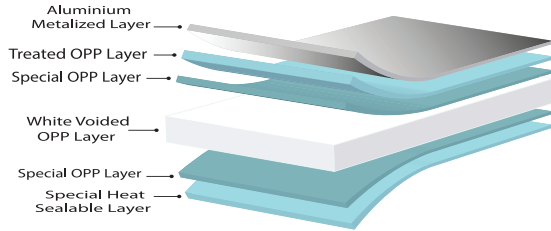


Polable 141 LRH

Application: White voided, opaque BOPP film, specifically developed for single ply roll-fed bottle labels. This film can also be used for other kinds of applications such as cut & stack.

Specification	Unit	Value	
Thickness	μm	38	55
Yield	m^2 / Kg	38.7	26
Unit weight	g/m^2	25.8	38.5





Application: High speed, heat sealable, white voided film for ice-cream packaging or wherever it is needed to have metallic surface on one side and white surface on the other side. Heat sealing threshold of Polet 381 D2 is lower than 95 °C.

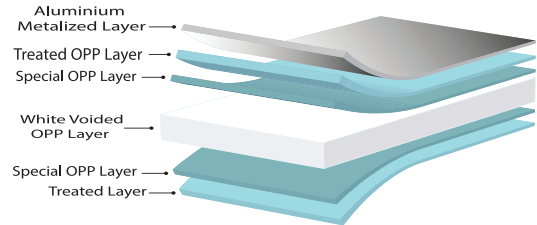
Specification	Unit	Value		
Thickness	μm	35	40	45
Yield	m ² / Kg	40.8	35.7	31.7
Unit weight	g/m ²	24.5	28	31.5



POLET 142 NM8

Application: Margarine or chocolate fold wrapping, wherever dead-fold properties are required. Non metalized type of this film (before metalizing) is Poler 342 NM8 and can be supplied upon request.

Specification	Unit	Value	
Thickness	μm	70	80
Yield	m^2 / Kg	26	22.7
Unit weight	g/m^2	38.5	44



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Product Overview



Product Code	Nominal Thickness	Appearance				Heat sealability	Surface treatment
		Transparent	White Voided	Matt	Metallized		
Polin 121 CP	15, 20	■				X	●
Polin 321 CP	15, 20	■				●	●
Polex 221 S	20, 25, 30, 40, 50	■				●●	●
Polex 321 D	20, 25, 30	■				●	●
Polex 221 D	20, 25, 30, 40, 50	■				●●	●
Polex 321 S	20, 25, 30	■				●	●
Polable 121 LPH	40	■				-	●
Poler 141 S	25		■			X	●●
Poler 142 S	30, 35, 50		■			X	●●
Poler 241 S	25, 30, 35		■			●●	●
Poler 241 D	25, 30, 35		■			●●	●
Poler 141 LRH	38, 55		■			-	●
Polexmatt 251 S	20			■		●●	●
Polexmatt 351 S	20			■		●	●
Polet 381 S	18, 20				■	●	●
Polet 381 D	18, 20				■	●	●
Polet cold 182 S	20				■	X	●●
Polable 181 WAL					■	-	●
Poler 381 D2	35, 40, 45		■		■	●	●
Polet 142 NM8	70, 80		■		■	-	●●
Polable 141 WA8			■		■	-	●

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