

# BOPP FILMS



## OPLAR™

SRF's range of Bi-axially Oriented Polypropylene (BOPP) films

### PrintLam+

A wide range of sealable & non-sealable products for packaging, lamination and converting applications

### Barrier+

A complete solutions portfolio of barrier films

### Label+

Special range of wrap around and pressure sensitive labels

### Aesthetics+

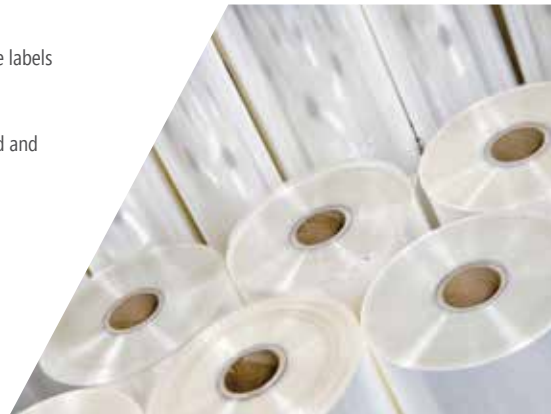
Aesthetically enhanced films to enable differentiated and visually stunning shelf impact

### Industrial+

Special films for various industrial applications

### Functional+

Functionally enhanced film range for extra edge & precise performance



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**SRF**  
Packaging Films Business

All OPLAR grade products conform to EC 10/2011 directives, REACH specifications and US FDA regulations for food contact applications.

A wide range of sealable & non-sealable products for packaging, lamination and converting applications



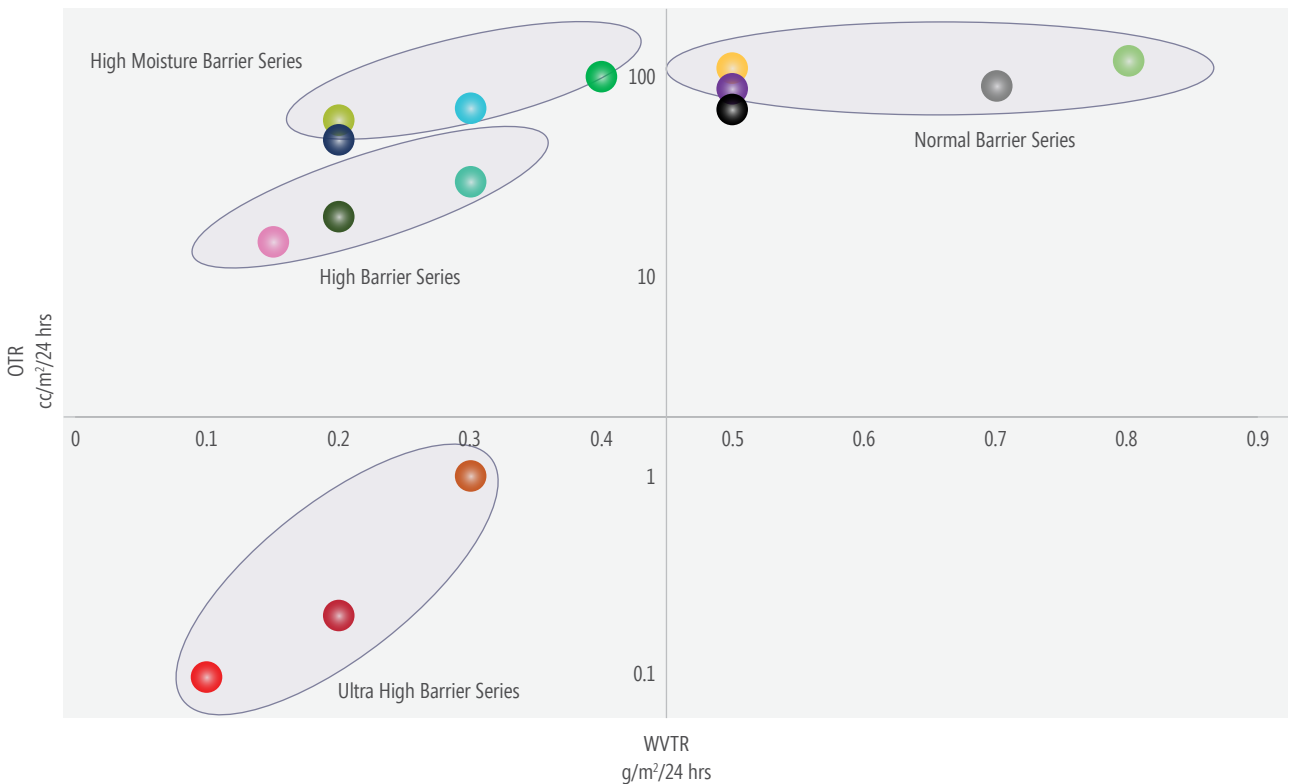
**OPLAR™**  
**PrintLam+**

Non Heat Sealable	Converting	Standard	NCL-A02	One side corona treated film with contact clarity and sparkling gloss specially designed for printing & lamination	
			NCL-TT-A02	Both side corona treated film contact clarity and sparkling gloss specially designed for printing & lamination	
		Paper Lamination	NCL-TT-A03	Both side corona treated film contact clarity and sparkling gloss for use in wet lamination to paper, paper board and carton	
		Thermal Lamination	NMA-TT-H04-A15	Both side corona treated matte film suitable for EVA extrusion coating giving differentiated aesthetic appeal in thermal laminated products	
	Speciality	Strong Print Formats		NCL-A02-E	One side corona treated film with contact clarity and sparkling gloss specially designed for (flexo and gravure) printing & (adhesive and extrusion) lamination
				NCL-TT-A02-E	Both side corona treated film with contact clarity and sparkling gloss specially designed for (flexo and gravure) printing & (adhesive and extrusion) lamination
		Low COF		NCL-C01/A02	One side corona treated film with one side corona treatment and other side low COF (0.25) which makes its laminate suitable for use on high speed packaging machines
				NCL-C04/A02	
		Thermal Resistant		NCL-A02-STR	One side corona treated film with super high heat resistance (up to 175°C) specially designed for reverse printing and lamination
				NCL-TT-A02-STR	Both side corona treated film with super high heat resistance (up to 175°C) specially designed for reverse printing and lamination
			NCL-TI-A02-TR	One side corona treated film with high heat resistance (up to 165°C) specially designed for reverse printing and lamination	
			NCL-TT-A02-TR	Both side corona treated film with high heat resistance (up to 165°C) specially designed for reverse printing and lamination	
Heat Sealable	Transparent	Standard	SCL-A01	One side corona treated film with other side having good heat seal strength (SIT: 105°C) suitable for printing and lamination	
			SCL-T02	One side corona treated film with other side having good heat seal strength and ultra low Seal Initiation Temperature (SIT: 85°C) suitable for printing and lamination	
		Speciality		SCL-C01/A01	One side corona treated film with other side having good heat seal strength (SIT: 105°C) and low COF (0.25) making its laminate or mono-web suitable for use on high speed packaging machines
				SCL-C04/A01	One side corona treated film with other side having good heat seal strength (SIT: 105°C) and ultra low COF (0.18) making its laminate or mono-web suitable for use on high speed packaging machines
				SCL-C03/T04	One side corona treated film with other side having good heat seal strength (SIT: 115°C) suitable for printing and lamination
		Strong Print Formats	SCL-C01/A01-E	One side corona treated film with other side having good heat seal strength (SIT: 105°C) and low COF (0.25) specially designed for use in printing (rotogravure & flexographic) and lamination (adhesive & extrusion)	
White & Cavitated	White	SSW-A01	One side treated solid white film with other side having good seal strength (SIT: 105°C) suitable for general purpose printing and lamination		
	Cavitated		SPW-A01	One side treated cavitated with other side having good seal strength (SIT: 105°C) suitable for printing, unsupported and laminated structures. Gives pearlescent appearance	
			SPW-TT-A01	Both side treated cavitated film with one side having good seal strength (SIT: 112°C) suitable for printing, unsupported and laminated structures. Gives pearlescent appearance	
			SPW-T03	One side treated cavitated film with other side having good seal strength and low Seal Initiation Temperature (SIT: 95°C) suitable for use in high speed packaging machines. Gives pearlescent appearance	

**OPLAR™  
Barrier+**



Barrier+					
Sealant Layer			Sandwich Lamination Series		
Adhesive Lamination		Extrusion Lamination	Low SIT	Adhesive Lamination	Extrusion Lamination
Standard Moisture	High Moisture Barrier	SM-B02-P2	SM-T01-P2	NM-B01/A06-P2	NM-B02/A06-P4
SM-A01-P3	SM-B03-P3	SM-B02-P3	SM-T01-P4	NM-B01/A06-P3	NM-B05/A06-P3
	SM-B03-P4	SM-B02-P4	SM-T02-P2	NM-B01/A06-P4	NM-B06/A06-P4
		SM-B02-P6	SM-T02-P4		NM-B07/A06-P4
			SM-T03-P2		
			SM-T03-P4		
			SM-S02-T01-P4		





Wrap Around Labels	Transparent	<b>NCL-A04</b>	One side corona treated high gloss film suitable for reel fed wrap around (No Look) transparent labels. Suitable for printing and anchorage with hot melt adhesive	
		<b>NCL-TT-A04</b>	Both side corona treated high gloss film suitable for reel fed wrap around (No Look) transparent labels. Suitable for printing and anchorage with hot melt adhesive	
	Low Density	<b>SPW-A04-D01</b>	Cavitated pearlesed film with low density (0.55 g/cc) with one side corona treated suitable for printing and other side suitable for hot flux gluing for wrap around labels	
		<b>SPW-TT-A04-D01</b>	Cavitated pearlesed film with low density (0.55 g/cc) with both side corona treated suitable for printing and one side suitable for hot flux gluing for wrap around labels	
	White Cavitated	Standard Density	<b>SPW-A04</b>	Cavitated pearlesed film (density 0.66 g/cc) with one side corona treated suitable for printing and other side suitable for hot flux gluing for wrap around labels
			<b>SPW-TT-A04</b>	Cavitated pearlesed film (density 0.66 g/cc) with both side corona treated suitable for printing and one side suitable for hot flux gluing for wrap around labels
			<b>SPW-A04-G02</b>	Low gloss (48 GU) cavitated pearlesed film (density 0.65 g/cc) with one side corona treated suitable for printing and other side suitable for hot flux gluing for wrap around labels
			<b>SPW-TT-A04-G02</b>	Low Gloss (48 GU) Cavitated pearlesed film (density 0.66 g/cc) with both side corona treated suitable for printing and one side suitable for hot flux gluing for wrap around labels
Pressure Sensitive Labels	Transparent	<b>Uncoated</b>	<b>SCL-TT-A14</b>	Both side treated film specially designed for pressure sensitive label applications with one side meant for print receptive surface conversion and other for adhesive anchorage
		<b>Coated</b>	<b>CCL A21</b>	One side print receptive coated and other side corona treated for adhesive anchorage specially designed for pressure sensitive label application
	White Cavitated	<b>Uncoated</b>	<b>SCW-TT-A14</b>	Both side treated white cavitated film specially designed for pressure sensitive label applications with one side meant for print receptive surface conversion and other for adhesive anchorage
		<b>Coated</b>	<b>CCW A21</b>	White cavitated film with one side print receptive coated and other side corona treated for adhesive anchorage specially designed for pressure sensitive label application
	Metallised	<b>Uncoated</b>	<b>SM-TT-A14-P2</b>	Metallised film specially designed for pressure sensitive label applications with one side meant for print receptive surface conversion and other metallised for adhesive anchorage
		<b>Coated</b>	<b>CSM A21</b>	Metallised film specially designed for pressure sensitive label applications with one side print receptive coated and other metallised for adhesive anchorage

Aesthetically enhanced films to enable differentiated and visually stunning shelf impact



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Aesthetics+**

Non Heat Sealable		<b>NMA-H04</b>	One side glossy corona treated film suitable for printing with matte appearance which gives differentiated shelf appeal
		<b>NMA-TT-H04</b>	One side glossy and both side corona treated film suitable for printing and lamination with matte appearance which gives differentiated shelf appeal
		<b>NMA-TT-H04-E</b>	One side glossy and both side corona treated film suitable for strong ink formats and lamination (adhesive and extrusion) with matte appearance which gives differentiated shelf appeal
Heat Sealable	Non-Metallised	<b>SMA-H04</b>	One side corona treated film with other side having good heat seal strength (SIT: 105°C) suitable for printing, lamination and mono-web flow wrap applications with matte appearance which gives differentiated shelf appeal
		<b>SMA-TI-H04-E</b>	One side corona treated film with other side having good heat seal strength (SIT: 105°C) suitable for strong ink formats and lamination (adhesive and extrusion) with matte appearance which gives differentiated shelf appeal
	Matte Metallised	<b>SMAM-H02-P2</b>	One side metallised film with other side having good heat seal strength (SIT: 110°C) having good moisture and gas with matte appearance which gives Al Foil look

Special films for various industrial applications



**OPLAR™  
Industrial+**

Tape	Non Heat Sealable	<b>NCL-A08</b>	High gloss one side corona treated film with good ink anchorage specially designed to provide excellent runnability on tape making machine
	Non Heat Sealable	<b>NCL-A09</b>	High gloss one side corona treated film with good ink anchorage specially designed to provide excellent runnability on textile bag making machine
Bag	High Heat Sealable	<b>SOCL-S02/A09</b>	High gloss one side corona treated film with other side high heat seal strength for use as sealant layer for bag packaging

Functionally enhanced film range for extra edge & precise performance

**OPLAR™  
Functional+**



Overwrap	Heat Sealable	SCL-A07	One side corona treated and both side sealable clear BOPP film for overwrap application
		SCL-R01/A07	One side corona treated and both side sealable clear BOPP film with high gloss and low COF for soft overwrap application
		SCL-R02	One side corona treated and both side sealable clear BOPP film with high gloss and stiffness to use for hard overwrap application
Release	Cold Seal Release	NCL-A19	One side corona treated film with contact clarity and sparkling gloss specially designed for cold seal release
		NMA-TI-H04/A19	One side glossy corona treated film suitable for printing with matte appearance which gives differentiated shelf appeal specially designed for cold release
	Release Grade	NMS-H02	One side glossy corona treated film suitable for printing with silky matte (satin aesthetics) appearance which gives differentiated shelf appeal specially designed for cold release
Antifog	Heat Sealable	NCL-UT-A10	Untreated high gloss non-heat sealable film specially designed for use as release liner in decorative laminates
		SAF-TT-A11	One side corona treated film suitable for printing exhibiting excellent anti fog effect on refrigeration
	Heat Sealable	SAF-TT-S02/A11	One side corona treated film suitable for printing and other side exhibiting excellent anti fog effect on refrigeration along with high heat seal strength
Coated	Heat Sealable	CBCL-IX-0A	High Barrier Clear BOPP film with high gloss suitable for printing & lamination with PVDC side providing excellent moisture & oxygen barriers and acrylic side provides excellent adhesion of ink and lamination adhesives
		CBCL-IA-0A	Both side acrylic coated film with high clarity suitable for printing/conversion and carton overwrapping



**DISCLAIMER**

The information contained herein is to be used only as a guideline for using OPLAR Film. The specifications and characteristics mentioned are based on reliable test procedures. Users of this film should make independent assessment of their own for its suitability to their end use. SRF Ltd. does not offer any guarantee on the results and does not accept any liability arising out of the use of the information contained herein.