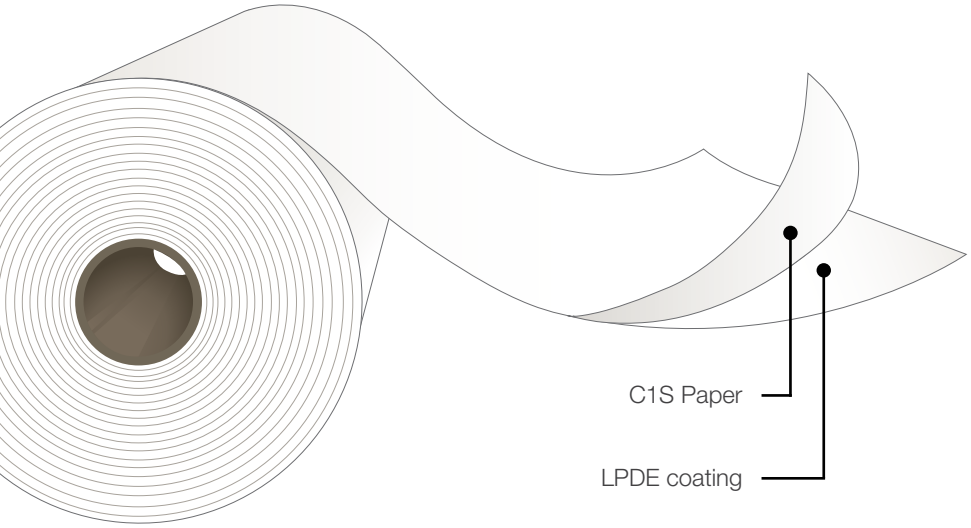
C1S Paper

LDPE coating



PolyPaper

RP - NE

Description

PolyPaper is a C1S paper coated with low density polyethylene on one side. This coating confers heatsealing properties, moisture resistance and blocking fats. LDPE coating is located on the inside face of the reel.

Main Characteristics

- Excellent coating uniformity
- Excellent printability
- Very good whiteness
- High sealability
- Effective blocking fats
- Excellent flatness and dimensional stability

Applications

Employed in the manufacture of heat formed bags and to pack food products since it meets FDA regulations for direct food contact. The coated paper face can be printed in very high definition through flexographic or rotogravure processes. Designed for use in applications such as sachet of sugar, salt, sandwich wrapping paper and various packaging where barrier to fats is required.

*Important Considerations

It is recommended to store this material at conditions not exceeding 86°F, at shadow and with a relative humidity of 60%.

There might be a deterioration of certain physical properties by adverse storage conditions. It is therefore advisable to keep an adequate inventory turn-over of this material.

Standard Dimensions*

*This product has lot size and width restrictions. Please consult your sales representative.

PolyPaper Code	Unit Weight (g/m^2)	Width (mm)	Core Size	570 mm Φ Outside Diam.		Coated Side
				Length (m)	Weight (Kg/cm)	
RP 4010 NE	50.0	250 to 1000	3"	4,850	2.43	Inside
RP 4015 NE	55.0			4,350	2.39	
RP 4020 NE	60.0			3,900	2.34	
RP 5010 NE	60.0			3,900	2.34	
RP 5012 NE	62.0			3,750	2.17	
RP 5020 NE	70.0			3,350	1.87	
RP 6028 NE	88.0			2,650	1.48	

Typical Values of Physical Properties*

*Information presented in this data sheet is intended to be used as general guidelines and not as technical specifications.

Property		Unit	Testing Method	Unit Weight						
				4010	4015	4020	5010	5012	5020	6028
Opacity		%	ISO 2471	72	74	76	79	80	83	87
Whiteness	P	%	ISO 2470-2	85						
Gloss Tappi @75°	P	%	Tappi T480	75						
Coefficient of Friction - Kinetic	C/C	-	ASTM D1894	0.30						
Tensile Strength	MD	N/mm^2	ASTM D882	45						
	TD			55						
Heat Seal Initiation Temperature	C/C	°C	ASTM F88 ASTM F2029A	85						
Seal Strength @ 100 °C	C/C	N/25 mm		6.0	6.2	6.5	6.0	6.1	6.5	7.0
Water Vapor T.R. @ 38 °C, 90% R.H.		$g/(m^2$ día)	ASTM F1249	30.0	23.0	15.0	25.0	22.0	15.0	13.0

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Notes: MD - Machine Direction | TD - Transverse Direction | P - Paper Side | R - Coating Side | C1S - Coated One Side