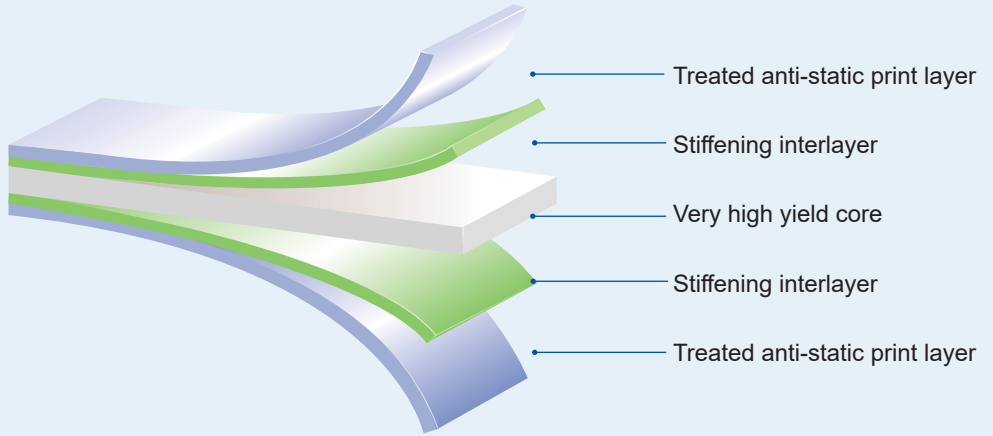


RayoWrap™ LRH

Technical Data Sheet

LRH - Matt white opaque, cavitated, coextruded OPP film, designed for Cut & Stack and PS Labels

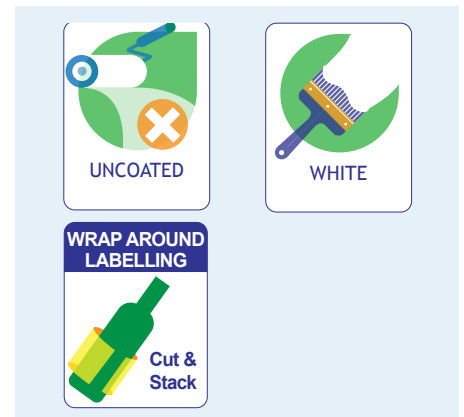


Features

- Non-blocking & anti-static properties for “easy feed”
- Designed for large format, sheet-fed offset printing
- Excellent sheeting properties
- Superior wet strength and tear resistance vs paper
- Excellent ink and hot melt adhesion
- Suitable for UV or oxidative inks
- Label expands and contracts with PET bottles providing burst resistance
- Roll-fed printing with downstream cutting

Application

- Monoweb cut and stack wrap-around labels
- Pressure Sensitive (PS) labels



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	LRH		
Thickness	Internal method		micron	60	70	80
			gauge	230	280	320
Yield	Internal method		in ² /lb	17,200	14,900	13,200
			m ² /kg	24.5	21.1	18.8
Basis Weight	Internal method		g/m ²	40.5	47.3	53.3
			lb/ream	25.1	29.1	32.7
Nominal Density	Internal method		g/cm ³	0.68	0.68	0.67
Opacity	Internal method		%	83	86	89
Whiteness	Internal method		% (Berger)	90	90	90
Surface Tension	ASTM D 2578	Back Print	mN/m (dyne)	36-39	36-39	36-39
Elongation	Internal method		% MD	150	150	120
			% TD	40	40	30

MD Machine Direction TD Transverse Direction

All properties are tested under standard laboratory conditions: 73 ± 4F, 50 ± 5% RH (23 ± 2°C, 50 ± 5% RH) unless otherwise stated. Where relevant, tests are based on international standards. This document is not a product specification and does not guarantee any specific product attributes. Any existing commercial rights or patents must be observed.

RayoWrap™ LRH

Technical Data Sheet

Conversion

Treatment and Winding	Surface Printing
Two surfaces treated for printing	Ink recommendations for all print processes are available
Preferred printable surface wound to outside of roll	Printing & anti-static properties are guaranteed for 6 months only
Refer to roll tag for specific treatment on roll	Excellent web flatness permits higher speed printing
	Run appropriate trials prior to production
	Consult your ink supplier

Conversion Note

This film is suitable for UV and conventional lithographic ink systems. Web and pile temperatures should not exceed a web temperature of 105°F (40°C). Where static electricity may be generated, use of static eliminators and maintaining a relative humidity >50% is recommended. In sheet-fed applications, printing on matte side will affect the feed and de-stacking performance of the film.

Nominal Reel Diameters

Film	Length (metres)			
LRH 60	1,250	3,750	7,500	15,000
LRH 70	1,075	3,225	6,450	12,900
LRH 80	950	2,850	5,700	11,400

Film	Length (feet)			
LRH 230	4,101	12,303	24,606	49,213
LRH 280	3,527	10,581	21,161	42,323
LRH 320	3,117	9,350	18,701	37,402

Outside Diameter	1x	3x	6x	12x
For 3in / 77mm core	13" (in) 331mm	-	-	-
For 6in / 153mm core	-	22.7" (in) 577mm	31.4" (in) 797mm	43.8" (in) 1,113mm

Film Storage and Handling

The films should be placed in the processing area 24 hours prior to processing, to acclimatise. The films are largely unaffected by climatic conditions but should not be stored at temperatures above 104°F (40°C). Under suitable storage conditions, the film can be stored for a period of 6 months without any risk of deterioration.

Food Contact

RayoWrap™ LRH is FDA approved for food contact. Please contact Technical Services for other Food Contact statements.

Health & Safety Guidelines

MSDS sheets, as well as other product safety documents, are available for our films upon request.

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