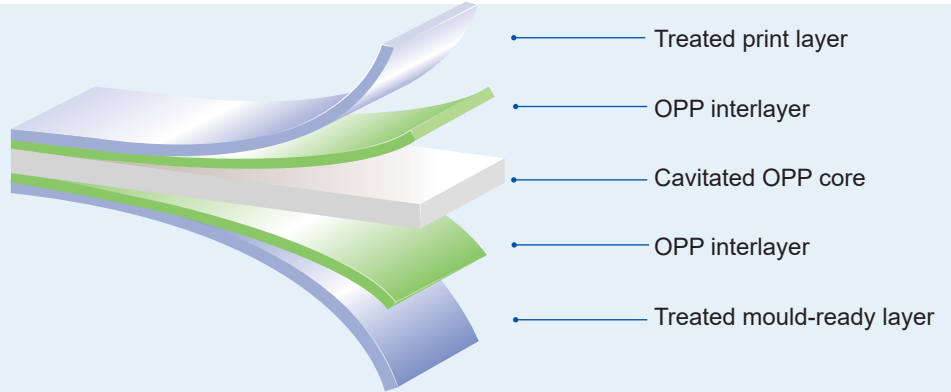


RayoForm™ ERH

Technical Data Sheet

ERH - White opaque, cavitated, matt, multi-layer coextruded OPP film

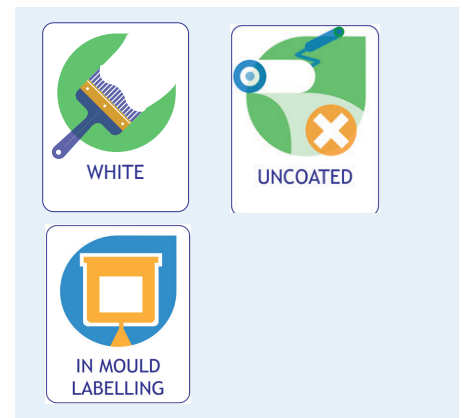


Features

- Superior UV litho ink adhesion
- Excellent de-stacking and feeding properties
- Controlled static properties
- Excellent die cutting
- Suitable with UV or oxidative inks

Application

- Injection in-mould labels for PP or PE containers
- Sheet-fed offset printing



Technical Properties (Typical Values)

Property	Test Method	Test Conditions	Units	ERH
Thickness	Innovia test method		micron	79
			gauge	320
Yield	ASTM D 4321		in ² /lb	13,200
			m ² /kg	18.8
Basis Weight	ASTM D 4321		g/m ²	53.3
			lbs/ream	32.7
Opacity	Innovia test method		%	92
Nominal density	Innovia test method		g/cm ³	0.68
Surface tension	ASTM D 2578	Back Print	mN/m (dyne)	36-39
Breaking load	Innovia test method		g/in	
				MD TD
Elongation at break	Innovia test method		%	
				MD TD

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.
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RayoForm™ ERH

Technical Data Sheet

Conversion

Treatment and Winding	Surface Printing
Two surfaces treated for printing and/or laminating	Printing and anti-static properties guaranteed for 6 months only
Preferred printable surface wound to outside of roll	Ink recommendations for all print processes are available
See roll tag about treatment specific to 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)			
ERH 80	950	2,850	5,700	11,400

Film	Length (metres)			
ERH 320	3,117	9,350	18,701	37,402

Outside Diameter	1x	3x	6x	12x
For 3in / 77mm core	13.0" (in) 330mm	-	-	-
For 6in / 153mm core	-	22.7" (in) 577mm	31.3" (in) 796mm	43.8" (in) 1,113mm

All rolls are wound to length. Actual OD may vary with thickness and winding density variations.

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

RayoForm™ ERH 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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