

YUPOIML[®]

SUSTAINABLE LABELING

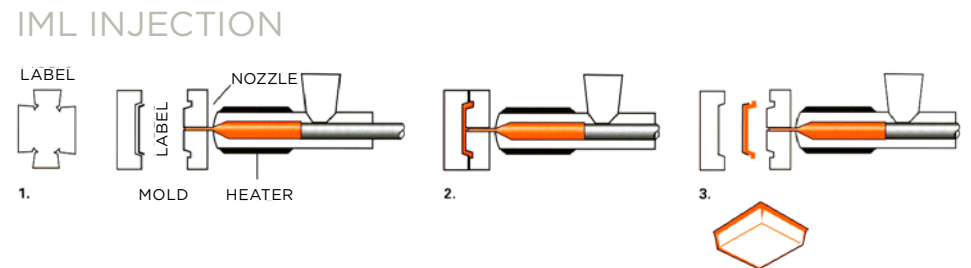
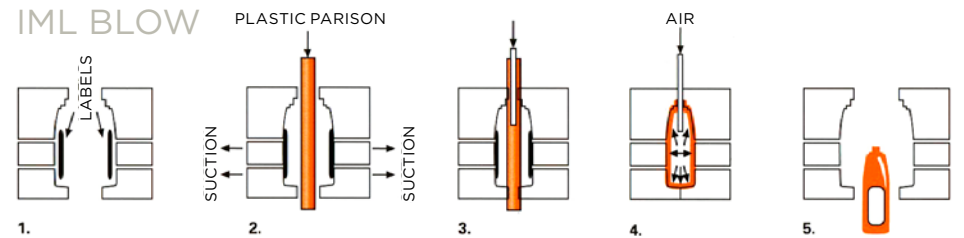


**ENHANCE
YOUR
PACKAGING.**



WHAT IS IML?

In-mold labelling (IML) is a pre-decorating technique during which a label is placed in the open mold and becomes an integral part of the molded object when the bottle is blow molded or the container is injected. YUPOIML® becomes a part of the container, thereby resulting in superior performance.



WHY CHOOSE YUPOIML®?

YUPOIML® is one of the most sustainable labeling solutions and provides outstanding appearance, high resistance and environmental advantages. Reduce waste! Be recyclable and contribute to the Circular Economy!

SIGNIFICANT BENEFITS

COST SAVINGS

- Weight of container can be reduced
- No additional decoration steps
- Fully integrated into the molding process without additional use of energy

DESIGN FLEXIBILITY AND ADDED VALUE

- Opportunity for brand differentiation
- No-label look
- Resists moisture, chemicals and fat
- High print quality
- No peeling, flapping or curling
- Anti-counterfeit properties

RESOURCE-SAVING

- Simplifies filling and packaging process
- Recyclable with bottle and cap
- YUPOIML® is pre-optimized and requires no adhesive coating



A RESPONSIBLE & SUSTAINABLE PACKAGING SOLUTION

We at Yupo are taking care of the environment and work closely together with Recyclers and related companies. We are aware of the upcoming recycling regulations and provide the best solutions to brand owners by guiding them through the design phase. YUPOIML® is RecyClass certified and can be re-used in the high value stream. By choosing YUPOIML®, you immediately eliminate 100% of liner waste and use one of the most eco-friendly labeling solutions.



MANY GRADES, MANY SOLUTIONS

YUPOIML® continues to lead the industry in solutions for blow molding by offering multiple grades for your packaging design. Yupo also offers material for injection molding.

- AISE** _____ HDPE bottles
- IZE** _____ PP bottles - hot fill
- AIUE** _____ HDPE bottles - smooth, no orange peel
- UAIB** _____ Ultra clear, no label look
- LSR65** _____ Designed for Injection Molding
- SPECIALITIES** _____ Holographic, easy peel, anti counterfeit etc.

AND MANY MORE! (see IML product chart)

YUPOIML® PRODUCT CHART

GRADE FAMILY	AISE	AIUE	IZE	UAIB	IDF	IHC	LSR	LBR	FDR
Label Type	Opaque	Opaque	Opaque	Clear	Opaque	Transparent	Opaque	Opaque	Opaque
Thickness (micron)	105, 120	80, 105, 130	105	80, 100, 120	80, 100	75	65	80	80
Molding Process	Bottle/Part Resin Type								
Blow Molding	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE			
Injection Molding	PE, PP	PE, PP		PE, PP	PE, PP	PE, PP	PE, PP	PE, PP, PS	PE, PP
Printing Process									
Conventional	•	•	•		•	•	•	•	•
UV Offset	•	•	•		•	•	•	•	•
UV Flexo	•	•	•	• ¹	•	•	•	•	•
Gravure	•	•	•	•	•		•	•	•
HP Indigo	• ²	• ²	• ²	• ²	• ²	• ²	• ²	• ²	•
Die Cutting									
Rotary	•	•	•	•	•	•	•	•	•
High Dies/PMC	•	•	•	•	•	•	•	•	•
Performance									
Surface Texture	Blow Molding	Textured	Smooth	Textured	Smooth	Smooth	Smooth		
	Injection Molding	Textured	Smooth	Smooth	Smooth	Smooth	Smooth	Smooth	Textured
Anti Static Treatment	Both sides	Both sides	Both sides	Adh. side only	Print side only	None	Both sides	Both sides	Both sides
Blow Molding Window	Large	Moderate	Large	Limited			Moderate		

¹ Requires corona treatment prior to printing.
² Requires HP Indigo compatible surface treatment prior to printing and durable varnish after printing.
 Please contact Yupo to ensure final surface texture.
 All items are subject to availability. Not all items are regularly stocked in inventory. Please contact YUPO for current availability.
 This comparison chart is for guidance in grade selection and not a guarantee for performance in a specific application.
 Customer is responsible for determining suitability.

LET YOUR BRAND SHINE THROUGH

YUPO ULTRACLEAR

The premium, ultra clear, synthetic label substrate for use in IML bottle processes. With YUPOUltraClear, you have the unique opportunity to showcase your product on the shelf like never before.

- Eliminates bottle-to-label color matching – YUPOUltraClear allows your bottle's exact resin color to show through the YUPO label, giving your design more brand power
- Is the IML option that resists scratching and fading, giving you added control of your bottle design and shelf appeal
- Features a beautiful, ultra-clear, no-label look
- Sizes manufactured to fit your needs – small and large quantities available



ENHANCE YOUR PACKAGING WITH YUPOIML®

Enhance your brand equity and bottle design by choosing an in-mold label. Add uniqueness to your package with in-mold labels that can be printed with fluorescent and metallic inks, foil stamped, metallized, coated, spot coated or crafted using any other converting option you desire.

LET YUPO BE YOUR LABEL PARTNER

Our commitment starts with the first contact. Our sales and technical team is ready to answer all your questions and will help you to develop a packaging solution that is the right fit for your product and branding needs.

We work closely with molders, printers and other supply chain partners to ensure that your project will be efficient, profitable and successful.

Please feel free to contact us; we are waiting for your call.

CALL _____ +49 211 520 54 30

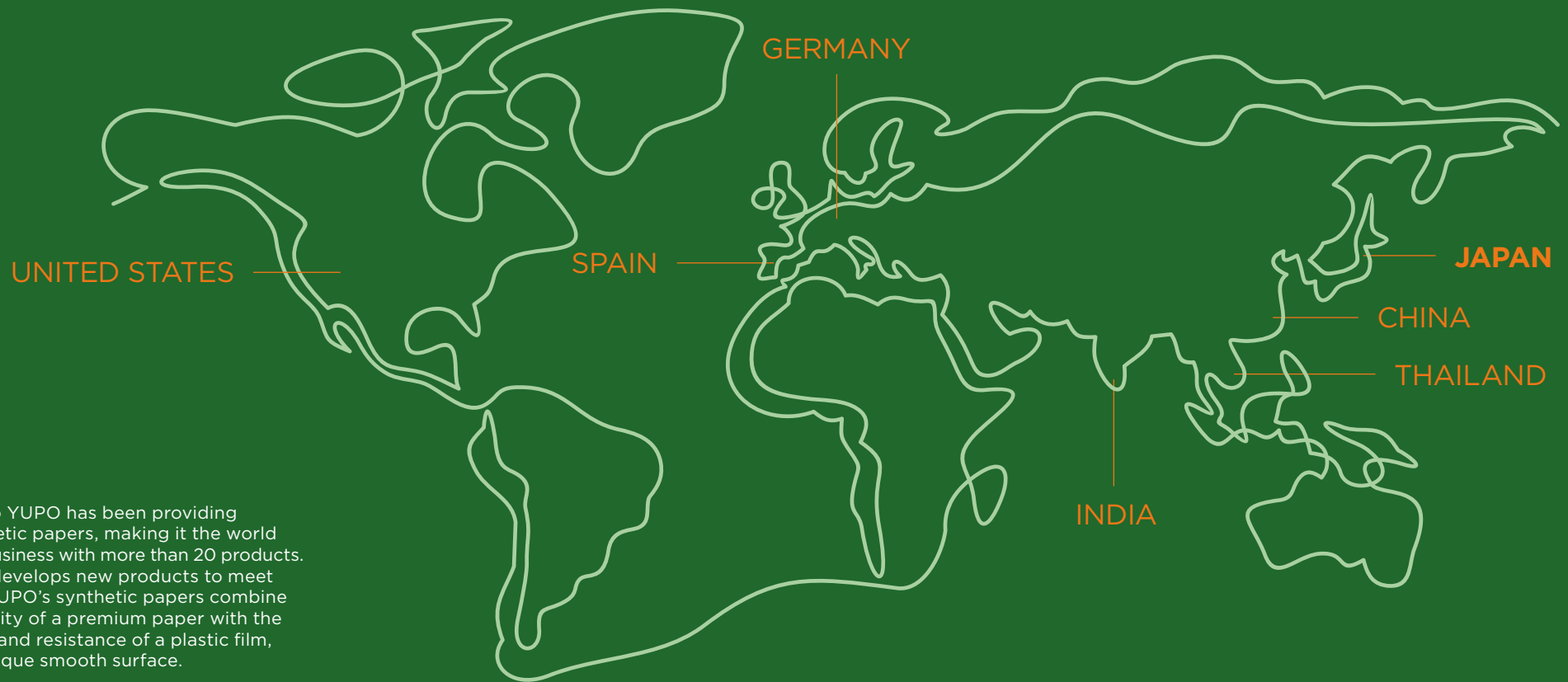
MAIL _____ sales@yupo.de

VISIT _____ www.yupo.eu



GENERAL INFORMATION ABOUT YUPO

YUPO's head office is located in Japan, with production facilities in Japan and the United States. YUPO is represented around the globe by sales offices in Germany, Spain, Thailand, China and India.



Since 50 years ago YUPO has been providing high-quality synthetic papers, making it the world leader in the IML business with more than 20 products. YUPO constantly develops new products to meet market demand. YUPO's synthetic papers combine the ideal print quality of a premium paper with the high tear strength and resistance of a plastic film, together with a unique smooth surface.

YUPO Europe GmbH was founded in the year 2000 in Düsseldorf, Germany. It is a wholly owned subsidiary of YUPO Corporation and supplies the European, Middle East, African and Russian markets with comprehensive marketing and customer service as a key business partner.



YUPO EUROPE GMBH
WILLSTÄTTERSTR. 30 | 40549 DÜSSELDORF
TEL. +49 211-520 54 30 | WWW.YUPO.EU

