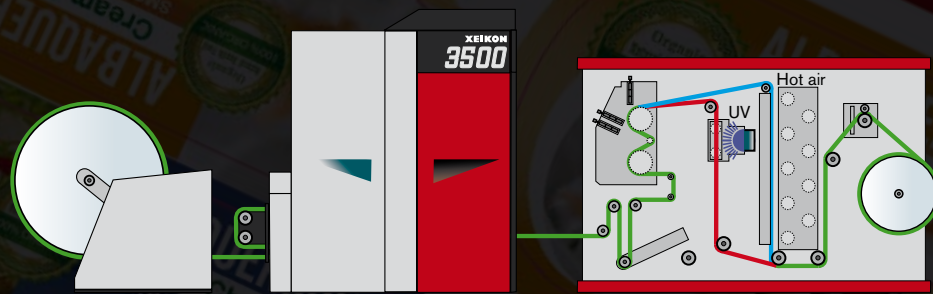# LABELS & PACKAGING
IN-MOLD LABEL SUITE

In-mold labeling is rapidly gaining popularity for the decoration of plastic containers. The decoration is an integral part of the container, applied during molding and not added on at a later stage in the production process. The result is an eye-catching high-quality container that stands out on the shelves.

Conventional printing technologies, however, struggle to provide an affordable solution for product launches, short runs and personalization. Digitally printed in-mold labels overcome these issues and will enable further growth of the in-mold label market. And Xeikon's In-Mold Label Suite has some key advantages:

- PET dry toner does not deform during molding and meets FDA standards for indirect food contact.
- The combination of a 508 mm (20") imaging width and unlimited repeat length supports any size of label, minimizes waste and maximizes productivity.
- 1200 dpi enables you to match offset printing quality.

A division of **Flint**Group

IN-MOLD
LABEL SUITE

THE XEIKON SUITES

Apart from a Xeikon 3000 Series digital press, each Xeikon Suite integrates four major components:

- Print media: Typically conventional print media without any pre-coating
- Workflow: Dedicated workflow and software components
- Toner & consumables: Application specific toner and consumables
- Equipment: The matching auxiliary equipment

XEIKON AURA PARTNER NETWORK

To further build on these professional Suites, Xeikon closely cooperates with a range of Xeikon Aura Partners who offer products compatible with the Xeikon technology and meet the Xeikon quality standards. Depending on the type of suite, the Xeikon Aura partners are leading manufacturers of one or more of the four different component types: print media, software, consumables and equipment.

XEIKON

	XEIKON 3050	XEIKON 3500
Imaging width	508 mm (20")	
Speed at 5 colors		
9.6 m/min (31.5 ft/min)	■	
19.2 m/min (63.0 ft/min)		■
Print resolution	1200 dpi x 3600 dpi with variable dot density	
Print technology	Full rotary / variable repeat length (up to 55 m)	
In line density & register control	Standard, automatic density control while printing	
Type of IML	Thick and thin walled plastic containers with short to medium life	
Toner	Xeikon ICE toner	
Color configuration	5/0 simplex, 5th color station for spot color, security toner or opaque white	
Off-the-shelf available colors	Yellow, Cyan, Magenta, Black, White, Red, Green, Blue, Orange, ExtraMagenta, Clear (UV reflecting)	
Use in food industry	Meeting FDA regulation and Nestle guidelines for Food contact	
White opacity	Density 0.15 with reference black 1.8	
Color light fastness	From 6 to 8 on Blue wool scale	
Print media	Unsupported BoPP and oPP film	
	Solid BoPP (white or clear) : minimum thickness 57 μm (2.2 mil)	
	Cavited BoPP (white) : minimum thickness 70 μm (2.6 mil)	
	Cast oPP: minimum thickness 100 μm (3.9 mil)	
Workflow	Xeikon X-800 Digital Front End	
Add on	Barcode dongle	
Options	Prepress station, XeikonColorControl, ColorMagic	
PMS reproduction	Pantone® licensed	
Options		
Spot color pack	■	■
Speed upgrade*	■	
Equipment	Unwinders (PMS large) - Web Varnishing Module (inline varnish)	
	Inline MiniUCoat (varnish & rewind) - Offline MiniUCoat (priming)	
	Rewinders	

* from 9.6 m/min to 19.2 m/min (31.5 ft./min to 63.0 ft./min)

XEIKON AURA PARTNERS

PRINT MEDIA	SOFTWARE	CONSUMABLES & TOOLS	EQUIPMENT
Treofan	Esko	Michelman (primer)	Rietstack (diecut)
Taghleef	Kodak	Actega (varnish)	Schober technologies (diecut)
Innovia	CHILI Publish	Squid inks (primer)	Meech (antistac bar)
	Adobe		

direct. dedicated. digital.