LABELS & PACKAGING
HEAT TRANSFER LABEL SUITE

Traditionally, manufacturers of containers such as plastic pails, seamless tubes, or cartridges used direct offset or direct screen printing for decoration of these containers. However, these traditional methods of decoration are limited in their capability of producing full color graphics. They also have certain drawbacks, such as lower image quality, cost and time of prepress, lack of flexibility and overall pricing. As a result, they are being challenged and replaced by other, more versatile decoration methods.

Self-adhesive labels can be an alternative solution for traditional decoration processes. However, they have higher cost implications, specific technical shortcomings, and a lower security level. In-mold Labeling (IML) can also be an alternative solution, but it is a complex process, has limited JIT flexibility and has a higher storage cost.
Digital Heat Transfer Labels, which combine digital label print technology with heat transfer application processes, are the ones that truly meet all the brand owner demands. It boasts of a 1200 dpi imaging quality, flexibility at affordable prices and JIT decoration capabilities. A transfer label is a specific type of decoration, which is transferred from a carrier (transfer foil or paper) onto an object/container by the use of heat and/or pressure and /or adhesive. The carrier holds a release layer specific to the print process and the type of product to be decorated. Heat transfer applications are either industrial, promotional, textile, or water slide.

Xeikon has configured a Heat Transfer Label Suite, which combines all the production elements to meet specific requirements. With the Heat Transfer Label Suite, label printers can deliver labels with a much better quality and build new revenue streams with higher profit margins even on very small runs of different quantities of different sized labels.

XEIKON

A division of **Flint**Group

HEAT TRANSFER
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 3030	XEIKON 3030PLUS	XEIKON 3300	XEIKON 3050	XEIKON 3500
Imaging width	322 mm (12.7")	322 mm (12.7")	322 mm (12.7")	508 mm (20")	508 mm (20")
Speed at 5 colors					
9.6 m/min (31.5 ft/min)	■			■	
15.0 m/min (49.2 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 & register control while printing				
Type of transfers (based on production capacity)	Promotional Industrial (start up)		Industrial	Industrial	Industrial
Toner	Xeikon QB-I 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), SuperBlack				
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	Wax coated & siliconised paper, Release coated and siliconised PET				
Media weight	40 - 350 gsm (27 lb. text to 122 lb. cover)				
Media caliper	40 - 550 µm (1.6 mil - 21.65 mil)				
Workflow	Xeikon X-800 Digital Front End				
Add on	Barcode dongle				
Options	VariLane, prepress station, XeikonColorControl, ColorMagic				
PMS reproduction	Pantone® licensed				
Options					
Spot color pack	■	■	■	■	■
Speed upgrade*	■	■		■	
Width upgrade**	■	■	■		
Equipment	Unwinders (PMS & PMS Large), rewinders (PMR including slitting knives)				
	MiniUCoat (inline adhesive & rewinding) - Offline MiniUCoat (priming) - Web Varnishing Module (inline priming)				

* from 9.6 m/min to 19.2 m/min (31.5 ft./min to 63.0 ft./min)
** from 330 mm to 516 mm (13" to 20.3")

XEIKON AURA PARTNERS

PRINT MEDIA	SOFTWARE	CONSUMABLES & TOOLS	EQUIPMENT
Siliconature (siliconised film)	Esko® (Design, prepress, workflow)	Actega (adhesive, primer)	MOSS® (applicator)
Rosella (siliconised paper)	Adobe® (Design, RIP)	CDigital (adhesive)	United Silicone® (applicator)
Diamond (coated film)	Kodak® (Workflow)	Diamond (adhesive)	Tronics (applicator)
ITW films (coated film)	Prisme® (Web2print)		Meech (antistatic bars)
Mondi (siliconised paper)			
Bomarko (waxpaper)			

direct. dedicated. digital.