

# Cutting-edge digital flexo platemaking system puts Trisoft Graphics a cut above the competition

PRESS: Nilpeter FA  
ANILOX ROLLS: 1200 lpi, 1.5 BCM  
PRESS SPEED: 200 fpm

PRESS: Nilpeter FA  
ANILOX ROLLS: 1200  
PRESS SPEED: 200

PLATE: Kodak NX by Trisoft Graphics  
SCREEN: 21 micron Stochastic FM Screen  
INK SYSTEM: UV Ink

Success Story  
from KODAK





# Innovative flexo plate making process delivers gravure-class results

An ongoing commitment to technology innovation has driven Trisoft Graphics to the forefront of flexo service providers on the West Coast. The high-end trade shop was the first in California to adopt thermal processing several years ago. In late 2008, Owner Tristan Zafra advanced his company again, becoming the first West Coast installation of a **Kodak Flexcel NX Digital Flexographic System**.

Zafra notes, "We weren't actively looking for a new imaging system, but when I saw samples from the **Flexcel NX System**, I was convinced that I wanted to invest in it. It produced higher quality than anything I'd seen. There's nothing else out there that can come close. In a highly competitive market, the **Flexcel NX System** gives us a quality advantage that separates us from our competition."

This FPPA and InterTech™ award-winning system uses the unique **Kodak Flexcel NX Thermal Imaging Layer** in conjunction with flexographic plates. The specially-formulated thermal imaging layer, which is exposed on a **Kodak Trendsetter NX Imager** with **Kodak SQUAREspot Imaging Technology**, enables high-resolution, fast imaging and intimate optical contact with the plate during UV exposure. **SQUAREspot Imaging Technology** produces precise, robust dots that are less susceptible to variations in plate, processor, and environmental conditions than other imaging technologies. After imaging, the Thermal Imaging Layer is laminated to a **Kodak Flexcel NX Digital Flexographic Plate** using the **Kodak Flexcel NX Laminator**. This quick and simple process removes the oxygen between the layer and the plate, and

results in the creation of high quality, full amplitude, flat-top dots.

## No environmental issues

The **Flexcel NX System** requires solvent processing, which was initially a concern for Trisoft. California is one of the strictest states in the U.S. when it comes to environmental regulation. However, this has not turned out to be an issue. Tristan Zafra comments, "Solvents nowadays are much more environmentally friendly than they used to be." The company performs solvent recovery on-site with its own reclaim units, and the waste processing cost associated with the **Flexcel NX System** has been negligible.

In addition, **Flexcel NX Plates** are so durable that fewer plates are required to run long jobs, and plates can be

Name:  
Trisoft Graphics, Inc.

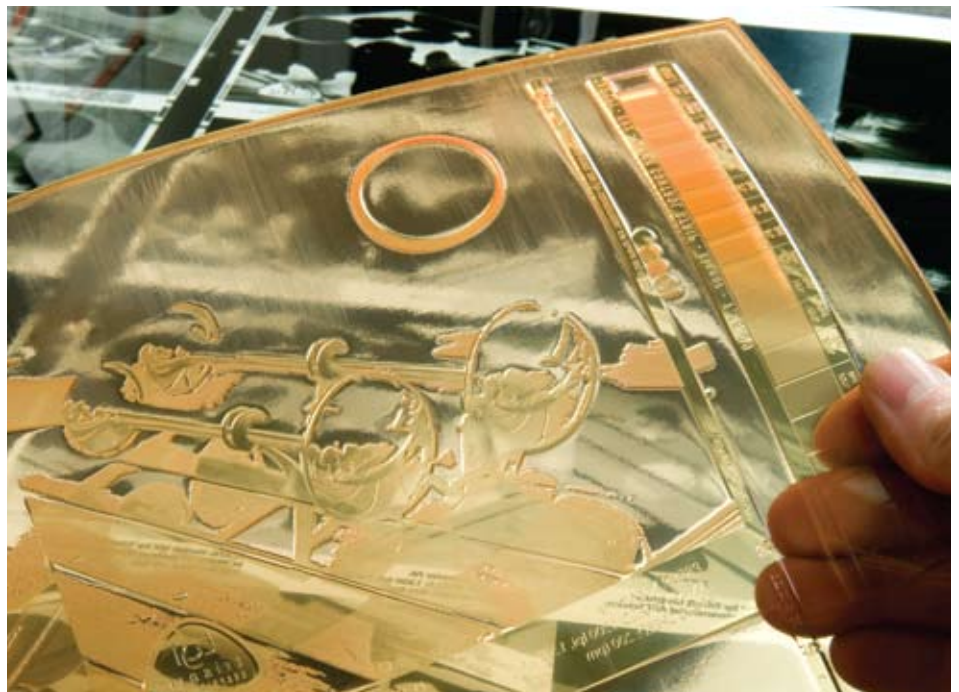
Established:  
1993

Location:  
Corporate Office:  
Costa Mesa, CA, USA

International Branch:  
Makati, Philippines

Services:  
Graphic design and digital  
prepress for flexographic printers

Markets served:  
Narrow, mid and wide web  
flexographic printers in all  
segments of the packaging  
industry



The ability to hold highlight dots as small as 10 microns enables the **Kodak Flexcel NX Digital Flexographic Plate** to deliver gravure-class quality on press.

Operator Johnny Hong checks a **Flexcel NX Plate** that has been laminated to the **Flexcel NX Thermal Imaging Layer**. This innovative process results in a highly durable plate that can be reused for multiple press runs.

stored and reused for subsequent runs. This extended plate life helps minimize environmental impact and reduce waste in both prepress and the press room.

### **Raising the flexo bar with 300 line screens**

This groundbreaking system enables unprecedented flexo print quality. As Tristan Zafra says, "Before the **Flexcel NX System**, we were maxed out at 200 line screens. With the **Flexcel NX System**, we can make flexo plates that print successfully at 300 line screens. You don't have to constantly clean the plate. The printing is very sharp. There's no banding. We're getting more density and better ink transfer out of this plate. Color is much more consistent throughout the run."

He continues, "We've also seen a dramatic improvement in highlight reproduction. Because the **Flexcel NX Plate** can hold a much finer and more consistent dot, highlights are much crisper and smoother. We can now actually print a vignette that goes down to zero without hard lining, which was impossible with our previous system."





“The **Flexcel** NX System is helping us win more business from existing customers, and it’s opening new doors. We’re getting into accounts that wouldn’t even talk to us before.”

Tristan Zafra, Owner, Trisoft Graphics, Inc.



Promotional labels created by Trisoft Graphics using the **Flexcel** NX System have been awarded several 2009 Excellence in Flexography Awards from the Flexographic Technical Association (FTA). The labels were printed at 300 lpi and contain micro-type as small as .7 points.

### Results that sell themselves

The level of quality made possible by **Flexcel** NX Plates gives Trisoft’s customers a competitive edge, which ultimately helps the trade shop solidify its advantage and grow its business. Zafra relates, “Every single one of our customers loves the **Flexcel** NX Plates. One customer told me, ‘My pressman has gotten better all of a sudden!’ Other customers have asked us to create promotional labels for them so they can market these plates. It’s been really amazing.”

The **Flexcel** NX System is also generating excitement with prospects. As Zafra notes, “I’ve been courting one company for three years. Recently, when I walked in with samples printed with **Flexcel** NX Plates, I didn’t even have to do any talking. They did all the talking and, in fact, wanted to arrange a visit to my facility for the next day.”

these plates on the West Coast. This is a real market advantage for us and we’re already seeing the benefits. The **Flexcel** NX System is helping us win more business from existing customers, and it’s opening new doors. We’re getting into accounts that wouldn’t even talk to us before, and we intend to make the most of this opportunity.”

Zafra concludes, “The **Kodak Flexcel** NX Digital Flexographic System separates us from everyone else, because we’re the first and only trade shop to offer

### To learn more about solutions from Kodak:

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Or in North America, call +1-866-563-2533

Produced using Kodak Technology.

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**Kodak Flexcel NX**  
Digital Flexographic System

**Kodak**