

NXC PLATES

UNIQUE MEDIA,
EXCEPTIONAL RESULTS
FOR CORRUGATED



Do more with less

The award-winning **Kodak Flexcel NX System** uses unique imaging technology and plate materials to drive outstanding shelf impact at the lowest total delivered cost. Users benefit from more impactful graphic reproduction with less complexity and downtime on press.

Unique technology

For post-print corrugated applications Kodak offers two uniquely formulated materials. The **Kodak Flexcel NX Thermal Imaging Layer-R** is designed to provide rapid, high-resolution imaging on the **Kodak Flexcel NX Imager**, utilizing **Kodak SQUAREspot** Imaging Technology to ensure stable and predictable results. Lamination ensures intimate optical contact between the imaged layer and the **Kodak Flexcel NXC Plate**, allowing 1:1 dot reproduction onto the plate.

Exceptional quality and performance

Flexcel NXC Plates are high-quality, lower durometer flexographic plates that provide full tonal reproduction, low dot gain, and robust on-press performance. Higher line screens are possible with existing press equipment, and excellent ink transfer and coverage minimizes fluting and increases visual impact even on lower quality liner materials.

Maximum versatility

Flexcel NXC Plates are designed to print with aqueous (water-based) inks on post-print board with a wide variety of liner and flute types. They are suitable for a broad range of graphic reproduction requirements from simple line and tone work, to complex full process color content.

Speed and ease of use

Flexcel NXC Plates offer wide exposure latitude with efficient drying times, necessary to meet your demanding print quality requirements and production schedules. In addition, the plates are easy to mount and are highly resistant to ozone, wear and abrasion, so you realize increased consistency, productivity and enhanced print quality.

Complete solution for packaging

The **Flexcel NX System** forms part of Kodak's broad portfolio of graphics workflow and printing solutions for packaging. From packaging concept to creation, no other partner brings a more complete solution to printer-converters, trade shops and the brand owners they serve than Kodak. Our strategic vision is to enable product innovation with simplified, standardized and automated production processes.

Kodak Flexcel NX Thermal Imaging Layer-R

Sizes	1097 x 1554 mm (43.2 x 61.2 in), 1283 x 2062 mm (50.5 x 81.2 in)
Thickness	6.5 mil (0.0065 in)
Safelight recommendations	Prolonged exposure should be under process yellow or UV modified fluorescent light.
Handling and storage	Handle the layer by the corners. Avoid scratching and kinking the layer. Store flat and use in a controlled environment of 17 - 30°C (63 - 86°F) and at 40 - 60% RH.
Distinguishing characteristics	For use in the manufacture of Kodak Flexcel NXC Plates of all sizes. Media color: Blue

Kodak Flexcel NXC Plate

Plate sizes	1067 x 1524 mm (42 x 60 in), 1270 x 2032 mm (50 x 80 in)
Ink compatibility	Aqueous
Washout solution	Compatible with most washout solvents
Safelight recommendations	Prolonged exposure should be under yellow or UV-modified fluorescent light.
Handling and storage	Handle the plates carefully. Store flat and use in a controlled environment of 17 - 30° C (63 - 86°F) and at 40 - 60% RH.

Technical specifications for a finished Flexcel NXC Plate

Thickness	2.84 mm / 0.112 in	3.18 mm / 0.125 in	3.94 mm / 0.155 in
Durometer	36 - 40 Shore A	34 - 38 Shore A	33 - 37 Shore A
Resolution	1% at 150 lpi		
Minimum dot	20 µm minimum (0.8 mil)		
Isolated dot reproduction	75 µm minimum (3 mil)		
Fine line reproduction	50 µm minimum (2 mil)		

To learn more about solutions from Kodak:
Call +1-866-563-2533 in North America

Produced using **Kodak** Technology.

Eastman Kodak Company
343 State Street
Rochester, NY 14650 USA

©Kodak, 2015. TM: Kodak, Flexcel, SQUARESPOT and Staccato.

Subject to technical change without notice.

U.FLX.104.1115.en.2

LEARN MORE AT
KODAK.COM/GO/FLEXCELNX

