

**CUSHION
CORE**

can make
you a better
printer!

You Can Feel “The Difference”!

You'll see "The Difference" too!

Without upgrading equipment or incurring any additional costs, you can optimize your direct-printed corrugated graphics.

NPP's **CushionCore™** Compressible Photopolymer Printing Plate incorporates a specially designed compressible cushion within the individual plate (see illustrations). This enables different copy areas on the same plate to conform to the variations in the paper, press equipment, and press set-up, as well as inaccuracies in the printing plate itself.

NPP has engineered its **CushionCore™** Compressible Photopolymer Printing Plate to make it better than ever! We've developed a new laminating process that has significantly reduced the cost while dramatically improving the overall structural integrity and bonding of the plate component materials.



IMPROVED PRINT QUALITY:

- Achieves higher printed ink densities in solid coverage graphic areas while simultaneously maintaining the clarity of fine details, small positive and reversed type, scannable bar codes, and halftones in the same plate.
- Reduces halftone dot gains in highlight and mid-tone ranges.
- Minimizes the appearance of printed flute lines in graphic images.

REDUCED COST:

- **CushionCore™** is **priced competitively** to conventional photopolymer printing plates and is typically **less expensive** when compared to thin polymer plates mounted on compressible carrier materials.
- Increased productivity results from increased production press speeds and reduced wash-up requirements.
- The compressible nature of **CushionCore™** minimizes board crush during printing.
- **CushionCore™** requires no special storage, handling, or cleaning.

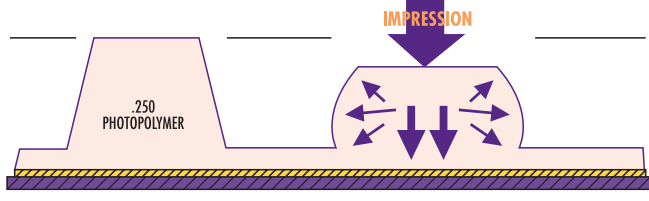
SUPERIOR STRUCTURAL QUALITY:

- Significant recent advancements in laminating technology provide superior structural bonding between the plate component materials. This extends plate life and improves long term printing performance.

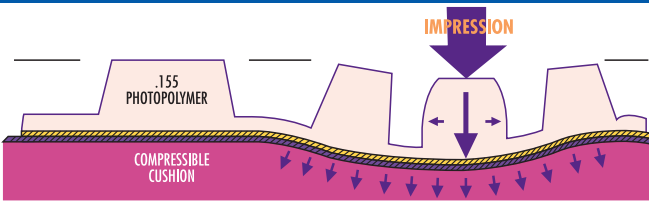
What is "The Difference"

CushionCore™ has **No Barrier** between the photopolymer and compressible cushion components. This composition allows the cushion to easily compress to account for print impression loads without distorting the image area of the photopolymer or affecting any surrounding copy elements.

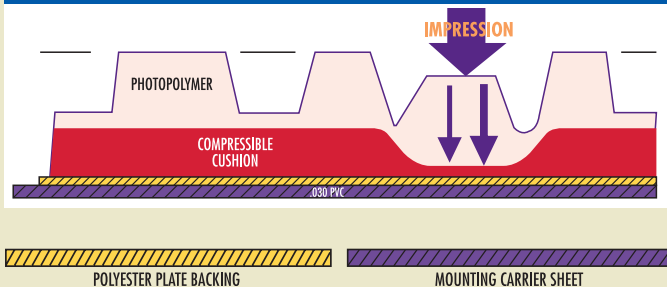
Conventional .250" Photopolymer Plate on PVC Carrier



Thin Photopolymer Plate on a Compressible Mounting Material



CushionCore™ .250" Compressible Plate on PVC Carrier



PACKAGING GRAPHICS SPECIALISTS

NPP

Experience
"The Difference"
for yourself!

**CUSHION
CORE™**

NPP invites you to utilize our new technology in your next printing plate project. You and your printing team can personally experience the many benefits of **CushionCore™** Compressible Photopolymer Printing Plates, in your own production environment.

Call NPP's Specialists Today!
800.466.9677

Accurate caliper and dimensionally stable ■ .125" to .250" thickness range ■ Maximum size: 52" x 80"

Leave It To The Specialists ■ NPP Packaging Graphics Specialists ■ www.npp-graphics.com

PACKAGING GRAPHICS SPECIALISTS

NPP

With over 45 years experience in the flexographic reproduction industry, NPP Packaging Graphics Specialists, is a provider of graphics, digital prepress solutions, and printing plates for packaging.

**For more information, visit us at:
www.npp-graphics.com**



**Learn more about its advantages for your application.
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