



VALUE ADDED SERVICES

VAS capabilities inspiring VAS opportunities

DESIGN

GRAPHICS

LAB TESTING

CUSTOMER VALUE ANALYSIS

MECHANICAL PACKAGING SYSTEMS

FOOD SAFETY

VASCONNEX

Direct Print Process

The most popular process for printing on corrugate is Flexography. Flexography uses flexible printing plates to print your message directly onto a pre-made corrugated sheet.

Direct print gets its' name from just that, Direct Printing. We use a photopolymer based plate that receives the ink from the anilox roll. The raised plate's surface, now wet with ink, actually comes in direct contact with the paper and your image is now transferred onto the top liner. Direct Printing!

Typically 1-2 colors on the top kraft liner

Most IP box plants can print 2-4 colors

Graphics that utilize solid colors and line art are preferred, some facilities can handle minimal to advanced screens or tints.

Production runs of 1000 sheets or 4 truckloads is the industry standard.

Direct Print

Printed directly on the finished corrugated sheet



BASE LEVEL DIRECT PRINTING:

No photos, only line illustrations with some simple details
Gradients or color blending is not recommended
Illustrations with tints/screens are typically printed at 10 - 35 dots per inch
Type size is 8pt positive and 12pts reversed
Trap thickness between colors is 1/8" to accommodate 1/16" + - movement
Would prefer to keep print 1/2" away from all score and cuts

MID LEVEL DIRECT PRINTING:

Adjusted photographic images printed with a single color
Gradients and color blending is possible within individual press specs
Type size is 7pt positive and 10pts reversed
Trap thickness between colors is 1/8" to accommodate 1/16" + - movement
On flexo folder gluer presses keep print 1/4" away from corrugator scores
Full die-cut presses can accommodate color printing over scores and cuts
3-6 colors are options because of the additional print stations

HIGH LEVEL DIRECT PRINTING:

High level CMYK photographic images printed with 80-120 line screens
Gradients and drop shadows are possible within individual press specs
Type size is 6pt positive and 9pts reversed
Trap thickness between colors is 1/32", minimal + - plate to plate movement
Full die-cut presses can accommodate color printing over scores and cuts
3-6 colors are options because of the additional print stations
This level of print is regional as not many plants have this type of press



Base Level Direct Print

Sometimes you will be able to see the trapping between colors



Mid Level Direct Print



High Level Direct Print



Contact Us:

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