

# Digital Carbonless

CARBONLESS DESIGNED FOR  
DIGITAL DRY TONER/LASER PRINTING



Digital Carbonless paper is designed to run jam and contamination-free on the broadest range of digital machine platforms, making multi-part forms easy to produce on any type of laser printer or copier.

## Digital Carbonless

Specifically formulated chemistry creates less downtime and increased productivity

Quick and easy variable data, numbering and barcoding with digital printing methods

Consistent crisp, dark, legible images through each ply

Thickest, stiffest sheet for best runnability

Custom sizes available - can be collated and micro perfed

Nekoosa Bucks available in select cartons of 8.5" x 11" and 11" x 17"

**Print Compatibility:** Digital Dry Toner/Laser

## Applications

Multipart Forms

Variable Data Forms

Barcoded Forms

Service Receipts

Repair Order Forms

Parking Tickets

Purchase Order Forms

Packing Slips

Bank Books

Medical Forms

Retail Receipts

Automotive Service Receipts

Legal Forms



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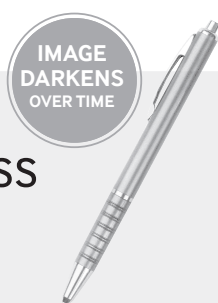
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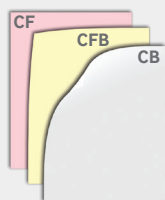
**NEKOOSA BUCKS** available in each carton listed below.  
Visit our website for our full carbonless listing.

Pre-Collated	Parts	SKU #	Colors	Size & Grain	M Wgt	Sheets/Carton	Sets/Carton
	2 R/S	17118	Canary CF White CB	8.5" x 11" GL	11.0	5000	2500
		17110		11" x 17" GL	22.0	2500	1250
	3 STR	17120	White CB Canary CFB Pink CF	8.5" x 11" GL	11.2	5000	1670
		17111		11" x 17" GL	22.3	2500	835
	3 REV	17124	Pink CF Canary CFB White CB	8.5" x 11" GL	11.2	5000	1670
		50141		11" x 17" GL	22.3	2500	835
	4 STR	17122	White CB Canary CFB Pink CFB Goldenrod CF	8.5" x 11" GL	11.1	5000	1250
	4 REV	17126	Goldenrod CF Pink CFB Canary CFB White CB	8.5" x 11" GL	11.1	5000	1250

GL=Grain Long GS=Grain Short



No, it's not just magic!  
How carbonless  
really works ...



CB: COATED BACK CFB: COATED FRONT & BACK CF: COATED FRONT

#### Microfilming

Digital Carbonless images reproduce very well on microfilms and on most copying equipment. Equipment employing an infrared process or diazo. Where a translucent original is necessary, will not produce acceptable copies from carbonless paper.

#### Fan-Out Padding

This product is designed for use with Nekoosa Coated Products' Fan-Out Padding Adhesive to provided fan-apart form sets. A CB sheet in the top position and a CF sheet in the bottom position are required for proper fan out. This product is designed to repel the adhesive at the front of the CB and back of the CF sheet. This allows production forms sets when the stock is fanned at the corners.

## TECHNICAL DATA ►

			CB	CFB	CF
<b>Physical Properties</b>					
<b>Basis Weight</b> (Lbs/500-17" x 22")	T-410		22	23	22
<b>Basis Weight</b> (g/m2)	T-410		83	86	83
<b>Thickness</b>	T-411		4.5 mil	4.5 mil	4.5 mil
<b>Brightness</b> (White only)	T-452		92	-	-
<b>Opacity</b>	T-425		88.70%	-	-
<b>Image Color</b>	NCP Test		Black	-	-
<b>Odor</b>	NCP Test		Very Slight Odor	-	-

Test methods prefixed with a "T" are established by Technical Association of the Pulp and Paper Industry.

Conditions For Use		
Shelf Life*	2 years	
*When kept in a copy room condition and properly resealed in original packing when not in use.		

IF YOUR MACHINE DOES THIS		THIS IS WHAT YOU NEED	
Print This Side Of The Sheet	Delivers The Print This Way	This Collation	Loaded With The Arrows (print side)
Top	Print Side Up	Reverse	Up
Top	Print Side Down	Straight	Up
Bottom	Print Side Up	Straight	Down
Bottom	Print Side Down	Reverse	Down

### Speed of Image Formation

The image of Digital Carbonless paper is immediately legible. The image will continue to darken over a short period of time and will be most apparent in handwritten forms. Extreme cold temperatures will slow down the speed of the image formation and conversely, higher temperature will increase the reaction time.

### Pressure Required to Image

Because of the difference in individual requirements, the wide range of pressure exerted by various printers or writing pressure associated with hand entry, users should conduct test simulating actual usage conditions for assuring satisfactory performance in specific applications.

### Image Test

Make a small firm mark on the first completed form set. Check each ply for presence of carbonless image. This will indicate whether or not the printing/copying is being performed on proper side of the paper.

### Press and Ink

Digital Carbonless paper may also be printed on wet offset, dry offset and letterpress equipment. Standard low-tack inks give good performance. If utilizing UV offset inks, set UV lamps to lowest setting that will cure the inks. UV light exposure will cause the premature development of the imaging inks with enough intensity and time of exposure.

### Loading the Equipment

Digital Carbonless paper must be printed/copied on the proper side. The arrow on the ream label points to the correct print/copy side. Also, the print side may be identified after the ream wrapper has been removed by observing the side ream identification arrows on the end of the ream. These arrows point to the print side of the paper. When filling the feed tray or paper supply bin, face the print side up or down pursuant to the recommendations of the machine manufacturer. Fan the paper before placing stock into the feed tray or bin. This process captures air between the individual sheets to enable smooth feeding.

### Delivery

Pre-collated Digital Carbonless paper is specifically designed for use with machines using toner heat fusing systems and delivering sheets into a receiving tray.

### Conditioning and Handling

As with most paper grades, Digital Carbonless paper should be acclimated to copy room conditions before printing. Keep paper stored in original protective packaging until needed. Unused paper should be resealed in the original wrapper and stored in a controlled environment. Handle paper with minimal pressure to avoid inadvertently marking or scuffing of the paper.

The information provided herein is correct to the best of Nekoosa's knowledge, however, should not be construed as specifications. No liability for any errors, facts or opinions are accepted. Customers must satisfy themselves as to the suitability of this product for their application. No responsibility for any loss as a result of any person placing reliance on any material contained herein will be accepted.