Zenith Specialty Bag Co.

Zenith—traditional quality with state-of-the-art technology.

Zenith Specialty Bag Co. has gone through many changes since the company produced its first paper bag back in 1945. We have new state-of-the-art converting equipment; 95,000 square feet of manufacturing, warehouse and office space to service our customers, and a new generation of well-trained personnel. The many components of our company that have not changed is the desire to deliver to our customers the service, quality, and professional attention they have come to expect through the years.

Ron Anderson

For almost 60 years, Zenith Specialty Bag Co. has worked to provide a One-Stop Shop for all your custom printed packaging needs. The people of Zenith will work tirelessly to provide all of our customers with the type of experience that earns your repeat business. And if our association is only a one-time transaction, we will make every effort to leave you with a lasting good impression. We don't strive to be the biggest supplier of custom printed bags and wraps—but to be the *best*! We don't intend to *meet* our customer's expectations, but to *exceed* them!

Scott Anderson

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ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
Natural Tan - Polypropylene Liner - Tin Tie				
CN-1	1 lb. Coffee Bag 4¼ X 2½ X 10½	1,000	31	1.40
CN-2	2 lb. Coffee Bag 5 X 3 X 12¼	500	20	1.39
CN-5	5 lb. no Tin Ties 6½ X 4 X 18	500	36	2.10
CN-5T	5 lb. with Tin Ties 6½ X 4 X 18	500	37	2.50
CN-6	½ lb. Coffee Bag 3⅜ X 2½ X 7¾	1,000	20	1.19
CN-6L	1 lb. Coffee Bag 3⅜ X 2½ X 10⅞	1,000	27	1.80
White Clay Coat - Poly Liner - Tin Tie				
CW-1	1 lb. Coffee Bag 4¼ X 2½ X 10½	1,000	38	1.40
CW-6	½ lb. Coffee Bag 3⅜ X 2½ X 7¾	1,000	24	1.19
CW-6L	1 lb. Coffee Bag 3⅜ X 2½ X 10⅞	1,000	33	1.80
Solid Color on White Clay Coat - Poly Liner - Tin Tie				
CW-1BLK	1 lb. Coffee Bag 4¼ X 2½ X 10½ - Black	500	19	0.80
CW-1GOLD	1 lb. Coffee Bag 4¼ X 2½ X 10½ - Gold	500	16	0.80
CW-1GRN	1 lb. Coffee Bag 4¼ X 2½ X 10½ - Green	500	19	0.80
CW-1RED	1 lb. Coffee Bag 4¼ X 2½ X 10½ - Red	500	17	0.80
CW-6BLK	½ lb. Coffee Bag 3⅜ X 2½ X 7¾ - Black	500	13	0.70
CW-6GOLD	½ lb. Coffee Bag 3⅜ X 2½ X 7¾ - Gold	500	14	0.70
CW-6GRN	½ lb. Coffee Bag 3⅜ X 2½ X 7¾ - Green	500	13	0.70
CW-6RED	½ lb. Coffee Bag 3⅜ X 2½ X 7¾ - Red	500	12	0.70
Holiday Print - Poly Liner - Tin Tie				
CW-1XMAS	1 lb. Coffee Bag-Holiday Print 4¼ X 2½ X 10½	500	18	0.80
CW-6XMAS	½ lb. Coffee Bag-Holiday Print 3⅜ X 2½ X 7¾	500	12	0.70
TW-4XMAS	Window Bag-Holiday Print 4¾ X 2½ X 9½	500	19	1.05
CN-1HOL	1 lb. Nat Kraft Coffee Bag-Holiday Print 4¼ X 2½ X 10½	500	16	1.54
CN-6HOL	½ lb. Nat Kraft Coffee Bag-Holiday Print 3⅜ X 2½ X 7¾	500	11	0.89
Window Bags - Poly Liner - Tin Tie				
CN-6WIN	½ lb. Window Bag-Plain Nat Kraft 3⅜ X 2½ X 7¾	500	13	0.89
CW-6WIN	½ lb. Window Bag-Plain White 3⅜ X 2½ X 7¾	500	13	0.89
TN-4	Window Bag-Plain Nat Kraft 4¾ X 2½ X 9½	1,000	30	2.07
TW-4	Window Bag-Plain White 4¾ X 2½ X 9½	1,000	29	2.07
TN-5	Window Bag-Plain Nat Kraft 6 X 2¾ X 9¼	500	18	1.54
TW-5	Window Bag-Plain White 6 X 2¾ X 9¼	1,000	35	2.25
TW-6*	Window Bag-Stock Print 6 X 2¾ X 9¼	1,000	35	2.25

*Please contact Customer Service for minimums on the above run to order items.

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
Natural Tan - Snak Pak Natural Liner - Tin Tie				
CN-1G	1 lb. Coffee Bag 4¼ X 2½ X 10½	1,000	37	1.40
CN-6G	½ lb. Coffee Bag 3⅜ X 2½ X 7¾	1,000	24	1.19
CN-6LG	1 lb. Coffee Bag 3⅜ X 2½ X 10⅞	1,000	32	1.80

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
PLA Lined Duplex Bags				
CN-6PLA	½ lb. Coffee Bag-Plain Nat Kraft 3⅜ X 2½ X 7¾	1000	22	1.19
CN-1PLA	1 lb. Coffee Bag-Plain Nat Kraft 4¼ X 2½ X 10½	1000	33	1.40
CN-2PLA	2 lb. Coffee Bag-Plain Nat Kraft 5 X 3 X 12¼	500	22	1.39
CN-5TPLA	5 lb. Coffee Bag-Plain Nat Kraft 6½ X 4 X 18	500	38	2.50
TN-4PLA	Window Bag-Plain Nat Kraft 4¾ X 2½ X 9½	1000	33	2.07

The above bags are lined with PLA (polylactic acid). PLA is a corn-based polymer. This environmentally friendly renewable resource is 100% compostable.

ZENITH SPECIALTY BAG CO., INC. 17625 East Railroad St. • P.O. Box 8445 • City of Industry, CA 91748-0445 • P: (626) 912-2481 • F: (800) 284-8493 • www.zsb.com

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE

Bleached Kraft - Plain & Stock Prints

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
416	Bread Bag - Plain 4 X 2 X 16	1,000	16	0.891
416-IT*	Italian Bread Bag - Printed 4 X 2 X 16	1,000	17	0.89
424	Bread Bag - Plain 4 x 2 x 24	1,000	26	1.705
515-BL	French Bread Bag-Plain (MGW) 5¼X3¼X18	1,000	24	2.31
515-IT*	Italian Bread Bag-Printed 5 X 3 X 18	1,000	25	1.40
520	French Bread Bag-Plain 5¼ X 3¼ X 20	1,000	29	1.71
521	French Bread Bag-Plain 5¼ X 3¼ X 22	1,000	31	1.71
522	French Bread Bag-Print 5¼ X 3¼ X 22	1,000	31	2.31
523	Baguette Bag-Eiffel Tower Print 3½ X 2 X 24	1,000	23	1.71
528	French Bread Bag-Plain 4½ X 2½ X 28	1,000	32	2.01
585	Bread Bag-Plain 8½ X 3½ X 14	1,000	29	1.83
620	Bread Bag-Plain 6 X 3½ X 20	1,000	31	2.31

*Please contact Customer Service for minimums on the above run to order items.

Foil/Kraft Lamination - Stock Print

524-G5	Garlic Bread Bag-Print 5¼ X 3¼ X 20	500	23	1.47

Natural Kraft w/PLA Panel - Stock Print

424-NPX	Wheat-Print w/ 2" Panel-Print 4½ X 2½ X 24	1,000	26	2.006
516-NPX	Wheat-Print w/ 2" Panel-Print 5¼ X 3¼ X 16	500	21	.928
520-NPX	Wheat-Print w/ 2" Panel-Print 5¼ X 3¼ X 20	1,000	28	1.15
522-NPX	Wheat-Print w/ 2" Panel-Print 5¼ X 3¼ X 22	1,000	30	1.39
523-NPX	Wheat-Print w/ 1" Panel-Print 3½ X 2 X 24	1,000	22	1.61
585-NPX	Wheat-Print w/ 3" Panel-Print 8½ X 3¼ X 14	1,000	27	2.16

The panel on our stock wheat design bread bags is made with PLA (polylactic acid). PLA is a corn-based polymer. This environmentally friendly renewable resource is 100% compostable.

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE

Pan Liners Quilon Treated Paper

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
27	Full Size Pan Liners 16½ X 24½	1,000	24	0.69
27-C	Full Size Pan Liners 16½ X 24½	500	13	0.81
275	Half Size Pan Liners 12¼ X 16½	2,000	24	0.69
27-NAT	Pan Liners-Quilon treated natural kraft 16½ X 24½	1,000	24	0.69

Pick Up Tissue - Dry Wax

2050	D/W Pick Up Tissue (10/1M) 6 X 10¾	10,000	20	0.72

STOCK NO.	DESCRIPTION	PACK	WT.	CUBE
Doggie Bags				
111*	Doggie Bag-Print 4¾ X 2 X 10¾	500	8	0.29
222	Doggie Bag-Print 5 X 2¼ X 11¾	500	10	0.67
777*	Doggie Bag-Print 5 X 2¼ X 11¾	500	10	0.67

*Please contact Customer Service for minimums on the above run to order items.

STOCK NO.	DESCRIPTION	PACK	WT.	CUBE
Glassine Bags				
G-200	Midget Glassine Bag 2 X 2¾	20,000	30	1.73
G-201	1 Oz Glassine Bag 2¾ X 4¼	20,000	43	3.08
G-202	No. 2 Glassine Peanut Bag 3¼ X 4¾	20,000	49	3.08
G-204	¼ Lb Glassine Bag 3¾ X 6¼	12,000	49	2.44
G-205	½ Lb Glassine Bag 4¾ X 6¾	12,000	62	2.44
G-206	1 Lb Glassine Bag 5¾ X 7¾	6,000	55	2.42
G-207	2 Lb Glassine Bag 6¾ X 9	6,000	53	2.37
Hot Food Bags - Foil				
6640	Foil Pt. Hot Food Bag-Print 4 X 3 X 10½	1,000	15	0.68
6641-500	Foil Qt. Hot Food Bag-Print 5¼ X 3½ X 11¾	500	12	0.63
6642-500	Foil ½ Gal. Hot Food Bag-Print 6¼ X 3⅝ X 14	500	16	0.69
Kid'z Meal Bags**				
KM-1	Kid'z Meal Bag-Print 6 X 3⅝ X 10¾	250	6	0.30
Sandwich Bags - Fish & Chips				
444	Fish & Chips Bag-Print 5¾ X 2¾ X 14	1,000	20	1.74
Sandwich Bags - Submarine				
333	Submarine Sandwich Bag-Print 4½ X 2¼ X 14	1,000	16	1.05

**Please confirm design of Kid'z Meal Bag with your customer service rep at time of purchase as the theme changes with each season. Design in catalog may be different from what Zenith has on the floor.

STOCK NO.	DESCRIPTION	PACK	WT.	CUBE
Snak Sacks				
A-3	3⅜ x 1¾ x 3½ Grease resistant natural kraft	1000	7	.444
A-4	4¼ x 2½ x 3¾ Grease resistant natural kraft	1000	10	1.145
A-4F	4¼ x 2½ x 3¾ White foil kraft	1000	8	.389
A-5	4 x 1¾ x 3⅛ Grease resistant natural kraft	1000	7	.389

Just a few of the many benefits include:

• Grease-resistant paper
• Less storage needed than traditional ridged containers
• Eco-friendly, compostable, recyclable, unbleached natural kraft paper
• Great for dine in, take out, grab and go
• Custom printing is available up to 7 colors
• Small, easy to store cases

STOCK NO.	DESCRIPTION	PACK	WT.	CUBE
Patty Paper - Dry Wax				
PP-5	D/W Patty Paper (10/1M) 5 X 5	10,000	13	0.96
PP-6	D/W Patty Paper (10/1M) 6 X 6	10,000	19	0.70
Sheets-Interfolded - Dry Wax				
C-812	D/W Interfolded Sheets (12/500) 8 X 10¾	6,000	21	0.98
C-1012	D/W Interfolded Sheets (12/500) 10 X 10¾	6,000	26	1.18
Sheets - Dry Wax				
912	D/W Sheets (6/1M) 9 X 12	6,000	30	0.90
1258	D/W Sheets (5/1M) 12 X 12	5,000	35	0.96
1259	D/W Sheets-Yellow (5/1M) 12 X 12	5,000	37	0.96
1414	D/W Sheets (4/1M) 14 X 14	4,000	39	1.15
1414-NP	D/W Stock Newsprint (4/1M) 14 X 14	4,000	40	1.15
1616	D/W Sheets (3/1M) 16 X 16	3,000	34	1.07

STOCK NO.	DESCRIPTION	PACK	WT.	CUBE
Sheets - Snak Pak				
960	S/P Sheets (6/1M) 9 X 12	6,000	32	0.90
1260	S/P Sheets (5/1M) 12 X 12	5,000	33	0.96
1260-CB	S/P Red Checkerboard (5/1M) 12 X 12	5,000	36	0.96
1261	S/P Sheets-Yellow (5/1M) 12 X 12	5,000	35	0.96
1264	S/P Fiesta Print (5/1M) 12 X 12	5,000	35	0.96
1270-CB	S/P Blue Checkerboard (5/1M) 12 X 12	5,000	35	0.96
1280-CB	S/P Black Checkerboard (5/1M) 12 X 12	5,000	37	0.96
1290-CB	S/P Green Checkerboard (5/1M) 12 X 12	5,000	33	0.96
1460	S/P Sheets (4/1M) 14 X 14	4,000	37	1.15
1660	S/P Sheets (3/1M) 15 X 16	3,000	36	1.07

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
Portion Bags - Snak Pak				
6522	#3 S/P French Fry Bag 4½ X 3¼	2,000	4	0.25
6526	#8 S/P Sandwich Bag 5 X 4½	2,000	6	0.23
6527	#9 S/P French Fry Bag 5½ X 4½	2,000	6	0.31
6528	#10 S/P Sandwich Bag 6 X 4½	2,000	7	0.34
6530	#12 S/P Sandwich Bag 5 X 1½ X 4½	2,000	7	0.43
6531	#14 S/P Sandwich Bag 6 X 6½	2,000	10	0.46
6532	#16 S/P Sandwich Bag 6½ X 8	2,000	12	0.69
6533	#18 S/P Sandwich Bag 6 X ¾ X 6½	2,000	11	0.70
6533-OS	#18 S/P Open Side Bag 7 X ½ X 6½	2,000	12	0.70
6534	#19 S/P Sandwich Bag 6 X ¾ X 7¼	2,000	12	0.70
6535	#6 S/P French Fry Bag 4½ X 4½	2,000	5	0.31
6536	#25 S/P Sandwich Bag 6½ X 1 X 8	2,000	14	0.91
6536-NAT	#25 S/P Nat Kraft Sandwich Bag 6½ X 1 X 8	2,000	14	0.91
6552	#19 S/P Yellow Sandwich Bag 6 X ¾ X 7¼	2,000	12	0.70
6575	#29 S/P Hot Dog Bag 3 X 1¾ X 9	2,000	10	0.69
Portion Bags - Dry Wax				
5	#5 D/W French Fry Bag 5 X 4	2,000	6	0.31
6	#6 D/W French Fry Bag 4½ X 4½	2,000	6	0.31
8	#8 D/W French Fry Bag 5 X 4½	2,000	6	0.31
12	#12 D/W Sandwich Bag 5 X 1½ X 4½	2,000	8	0.43
14	#14 D/W Sandwich Bag 6 X 6½	2,000	10	0.46
19	#19 D/W Sandwich Bag 6 X ¾ X 7¼	2,000	12	0.70
19-Y	#19 D/W Yellow Sandwich Bag 6 X ¾ X 7¼	2,000	13	0.70
25	#25 D/W Sandwich Bag 6½ X 1 X 8	2,000	14	0.91
29	#29 D/W Hot Dog Bag 3 X 1¾ X 9	2,000	11	0.69
31*	#31 D/W Open Side Hot Dog Bag 3 X 1¾ X 9	2,000	11	0.50

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
Eco To Go				
ETG-2	Medium Die Cut - 8 x 4 x 13⅝	250	18	1.4
ETG-1	Small Die Cut - 7⅛ x 3¼ x 10¾	250	13	1.0

*Please contact Customer Service for minimums on the above run to order items.

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
Popcorn Bags				
P-400	Popcorn Bag - Wagon Print 3½ X 2¼ X 7¾	2,000	10	0.59
P-402	Popcorn Bag - Jumbo Clown Print 5 X 1 X 10	2,000	23	1.14
Popcorn Bags - Theater - Wagon Print - Run to order*				
TP-32	32 Oz Popcorn Bag 4¼ X 2½ X 6¾	1,000	23	0.91
TP-46	46 Oz Popcorn Bag 4¼ X 2½ X 8¼	1,000	25	1.10
TP-85	85 Oz Popcorn Bag 5½ X 3¼ X 8¾	500	32	0.91
TP-130	130 Oz Popcorn Bag 7¼ X 3¾ X 9½	500	24	1.00
TP-170	170 Oz Popcorn Bag 7¼ X 3¾ X 11½	250	14	0.88

*Please contact Customer Service for minimums on the above run to order items.

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
Sandwich & Hot Dog Bags - Foil				
F-661	Foil Sandwich Bag-Plain 6 X 1 X 6½	1,000	10	0.46
F-662	Foil Hamburger Bag-Print 6 X 1 X 6½	1,000	11	0.46
F-663	Foil Cheeseburger Bag-Print 6 X 1 X 6½	1,000	10	0.46
F-664	Foil Hot Dog Bag-Plain 3½ X 1½ X 9	1,000	9	0.44
F-665	Foil Hot Dog Bag-Print 3½ X 1½ X 9	1,000	9	0.44
F-667	Foil King Size Hot Dog-Plain 3½ X 1½ X 12	1,000	12	0.59
F-728	Foil Sandwich Bag-Plain 7 X 2 X 8	1,000	15	0.69

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
Basket Liners				
S-309*	Waxed Basket Liner 8 X 3⅜ X 14	500	16	1.05
Bedside Bags				
1010	Bedside Bag-Print 6 X 2 X 11	1,000	16	1.12
Sanitary Bags				
S-301*	Sanitary Napkin Bag-Print 4 X 1¾ X 8½	1,000	10	0.50
Toilet Seat Bands				
S-300	Seat Bands-Print	2,000	5	0.21
Water Glass Bags				
G-325	Glassine Bag-Print 3½ X 1½ X 7¾	2,000	12	0.44
S-325*	Super White Bag-Print 3½ X 1½ X 7¾	2,000	11	0.59

*Please contact Customer Service for minimums on the above run to order items.

Zenith Specialty Bag Company has continued striving to bring you, our customer, first hand technology in the paper bag industry. We now offer a complete line of die cut window bags, full face film, up to 4 colors printing on both the film and paper and precision perforations face only or the complete bag. Contact your local sales representative for a complete list of die cut window design offerings, samples and quotes. All films and paper grades are available. This package is perfect for bread, sandwiches, cookies and pastries. Now you can have the visual exposure of your product with enough paper or film printing surface for your logo or message. In addition to these new capabilities, we offer to custom line the inside of the bags with all types of films and paper. Sizes available range from 8" to 29" in length.

ITEM NO.	DESCRIPTION	PACK	WT.	CUBE
Clearview Bags				
#425-LP	4.25 x 2.875 x 12 with a 5" panel	500	12	0.891
#575-LP	6 x 2.625 x 9.375 with a 6" panel	500	12	0.674

At Zenith we realize that a quality printed product begins with quality printed artwork and printing plates. This is why we have a full in-house Art Department capable of handling all facets of the artwork process, from design all the way to plates. Our competent staff can assist you in maximizing the look of your package with their design expertise and knowledge of our printing parameters.

As you would expect, we utilize the latest software tools and upgraded equipment. In addition to the traditional negative-to-plate process, we are utilizing new computer-to-plate software (CTP) technology for some high-end jobs to press the limits of flexographic printing. Having all our prepress operations performed in-house allows us to ensure total quality and control of every step of the process.

Because proper planning and execution is the key to any printing project, we offer prepress guidelines to assist designers in building electronic files. For a copy of our most updated Art Work Requirements sheet, contact our Customer Service Department or visit our website at www.zsb.com

★ Company Headquarters and Manufacturing

■ Distribution Center

● Sales Offices

Company Headquarters

Zenith Specialty Bag Co., Inc.
17625 E. Railroad St.
City of Industry, CA 91748
Tel: (800) 962-2247
Fax: (800) 284-8493

Distribution Center

810 Canal Place
City of Industry, CA 91746

Sales Offices

Northwest Sales Office
Tel: (206) 650-5896

Midwest Sales Office
Tel: (626) 926-9624

East Coast Sales Office
Tel: (951) 255-3362

Your Customer Service Representative:

is responsible for an assigned customer list, territory and broker group. This platform is designed to help the Customer Service Representative understand the needs of their customer.

Once your custom order has been received:

your Customer Service Representative enters the order into our system—which then allots for the raw material and cartons to be ordered, the inks to be formulated, the labels to be printed, and machine time to be scheduled.

As your order moves through the system:

your Customer Service Representative tracks your order through the art process—arranging ink draw-downs and art proofs to be sent out.

Timing is everything:

so walking your order through the system becomes more than just a process; it is a passion. Signed and approved art work signals to our scheduling department that an order is ready for converting once the paper has arrived. Customer Service monitors your order from this point weekly to ensure the production date is met, and will advise their customer of any unforeseen changes to the date.

On the floor and out the door:

over 300,000 pounds of paper is received and converted weekly in our plant. Your order may only represent 250 pounds, but it does not fall off the radar screen with your Inside Sales person. Their goal is to have your order converted and shipped two weeks or less from the time the paper hits the floor.

We deliver more than packaging— we deliver satisfaction:

Meeting the challenges of today's market and customer needs in quality of service, quality of printing and creative packaging is what Zenith Specialty Bag Co. is all about. That's why we have successfully been *Baggin' the industry since 1945!*

Artwork Requirements

Design and Prepress Guidelines for Flexographic Printing

Limitations of the Flexographic Print Process

Flexographic printing is both efficient and economical. However, it demands attention to certain issues that can be overlooked when using other printing methods. This guide provides some basic rules to follow when preparing artwork to be printed using the flexographic print process.

Due primarily to the nature of the raised image plate technology, flexography has some limitations concerning screen tint values, registration tolerances and certain other print aspects. Following these simple guidelines can dramatically improve the quality of your job. It will also help us work together to ensure the highest level of customer satisfaction.

Notes to the Graphic Designer

Virtually all graphic design software is designed around standards and tolerances for offset lithography. Tolerances in offset lithography are generally much tighter and may therefore allow for a greater degree of artistic freedom than is available in the flexographic print process.

Production Art Considerations

Font Choice: On small type sizes (up to 8 pt), please consider the use of bold, san serif fonts. Make sure "TM" and "®" marks are large and bold enough to reproduce in a readable manner. Avoid using small reverse (white) text over process or multi-color backgrounds.

Colors: All colors should be properly defined as either process (CMYK) or spot colors. Unused colors should be deleted from the color palette. If using PMS colors, please use the standard color definition as provided in your design application. Avoid using Pantone coated colors on jobs which will print on uncoated paper, and vice-versa.

Trapping: Please leave all trapping to be done by our technicians. Flexographic printing requires different trap specifications than typical commercial printing.

Bleeds & Safety Zones: Maintain 1/8" margins from dieline to text and logos, except for intentional bleeds. Extend bleeds 1/8" beyond the die line.

Line Widths: All solid lines should be .75 point minimum, while all reverse (white) lines should be 1 point minimum.

Screen Tints: See the detailed print specifications on the following page for recommended tint ranges. Be careful with gradient screens. Gradient screens or continuous tone images that fade to 0% - in any color - will likely show a hard line where the dots end. Drop shadows are the most common example of this.

Governmental Regulations: Zenith is not responsible for regulatory compliance of nutrition facts charts, ingredients lists, allergen statements, or any other regulated copy.

Bar Codes: Zenith offers complete bar code generation services. We will recreate all bar codes with the proper bar width reduction required for our press equipment at no additional charge.

Proofing: We offer 4 levels of proofing for your convenience:
- PDF- Electronic proofs for content and color breaks
- Content- Hard copy proofs for content and color breaks
- Color- Hard copy color matchable proofs for process color
- Tear Sheet- Press proof prepared on job stock utilizing actual plates, ink and press equipment used to print your job.
  An additional fee may be charged for tear sheet proofs.

File Requirements

Software: We support the Adobe Creative Suite software package, up to and including version 5.5. If you use other graphics programs to prepare your files, please export your files into PDF/X-4:2008 format if possible. Please consult your software's documentation for specific instructions.

Not a design expert? That's OK, we can take your existing logo or "napkin sketches" and, for a modest fee, create professional design files. Please consult with your sales representative for more details and a quote.

Media: We accept CDs or DVDs (single or dual layer). Sorry, we no longer accept floppy disks, JAZ, SyQuest, or any other media types. We also offer a secure web-based drop box for your files, and you can always email smaller files to us at art.dept@zenithbag.com. (No files over 5MB via email, please!). We support Stuffit and ZIP compression.

Fonts: We support OpenType, TrueType and Type 1 fonts. Please include all fonts used in your layout or convert all your text to outlines. Please note, we can't perform text corrections on outlined text. If using Type 1 fonts, please include both screen and printer fonts.

Graphics/Linked Files: We support any file type that you can place in your graphic application. Please refrain from embedding graphics in your Illustrator documents - keeping the files as links allows us to more easily inspect the files and make any needed corrections.

Templates: Templates for all of our standard and custom products are available upon request. We will gladly provide them in Illustrator, Illustrator Template, or PDF formats. We recommend utilizing our templates to avoid costly reworks. Just let us know which format you prefer.

Print Specifications & Tolerances

Design and Prepress Guidelines for Flexographic Printing

Due to our extensive product line, Zenith offers a wide range of flexographic print specifications. For your convenience, we have classified our capabilities into 4 distinct print levels:

Level A: Our highest quality print level for square bottom bags for coffee, cookies, mixes, pet treats, etc.

- Up to 8 colors including varnish
- Up to 150 lpi screen ruling on coated papers
- Screen tint range from 5% to 90%
- Registration accuracy ±.015"
- Minimum line width:
    Positive: .5 point
    Reverse: .75 point
- Minimum font size:
    Positive: sans serif 4 pt; serif 5 pt
    Reverse: sans serif 5 pt; serif 6 pt
    Reverse text may be stroked to help compensate for fill-in during printing.
  Please allow for a trap width of 1 point.
- QR Code Minimum width and height .75
    Must print in Black

Level B: Our mid-range print level for larger square bottom bags and high end bread bags.

- Up to 6 colors including varnish
- Up to 85 lpi screen ruling
- Screen tint range from 15% to 85%
- Registration accuracy ±.03"
- Minimum line width:
    Positive: .75 point
    Reverse: 1 point
- Minimum font size:
    Positive: sans serif 5 pt; serif 6 pt
    Reverse: sans serif 6 pt; serif 8 pt
    Reverse text may be stroked to help compensate for fill-in during printing.
  Please allow for a trap width of 2 points.
- QR Code Minimum width and height 1"
    Must print in Black

Level C: Our standard print level for pinch bottom bread and portion bags.

- Up to 4 colors
- Up to 65 lpi screen ruling
- Screen tint range from 15% to 80%
- Registration accuracy ±.06"
- Minimum line width:
    Positive: .75 point
    Reverse: 1 point
- Minimum font size:
    Positive: sans serif 5 pt; serif 6 pt
    Reverse: sans serif 6 pt; serif 8 pt
    Reverse text may be stroked to help compensate for fill-in during printing.
  Please allow for a trap width of 2 points.
- QR Code Minimum width and height 1"
    Must print in Black

Level D: Our standard print level for sandwich wrap sheets and basket or tray liners.

- Up to 4 colors
- Up to 65 lpi screen ruling
- Screen tint range from 20% to 80%
- Registration accuracy ±.06"
- Minimum line width:
    Positive: .75 point
    Reverse: 1 point
- Minimum font size:
    Positive: sans serif 5 pt; serif 6 pt
    Reverse: sans serif 6 pt; serif 8 pt
    Reverse text may be stroked to help compensate for fill-in during printing.
  Please allow for a trap width of 2 points.
- QR Code Minimum width and height 1"
    Must print in Black