



*Innovative ideas and personal service
to complete your package program*

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About National Carton & Coating Co.

National Carton & Coating Company, located east of Dayton, Ohio, has been in the folding carton business for over thirty years. We service customers across the United States and Canada in a diverse range of industries, including automotive, hardware, pharmaceutical, and culinary. Our extensive customer base ranges from small, privately owned businesses to Fortune 500 companies.

One goal we strive towards is aiding in the growth of our customers. We do this by matching the quality and care they have put into their merchandise with an equally satisfying packaging solution. This simple philosophy has grown our facility to over 115,000 square feet and allowed us plenty of room to complete your project and manage your inventory.

We are a full-service manufacturer that provides comprehensive packaging solutions. What does that mean to you? We offer a range of abilities that will partner flexibility with the increasing demand of your business. Our flexibility is a direct reflection of the effort to stay on the forefront of technology. By using digital design in our pre-press technology and a comprehensive inventory tracking system, we have cut our delivery times, eliminated overhead, and increased customer satisfaction. The technology is matched only by a workforce that has decades of industry experience, allowing a unique composition of knowledgeable advice and efficiency. You'll find that each member of our team is available and willing to help.



"There is no job too big or too small for National Carton & Coating Co. We look forward to helping you grow your business as your packaging solutions experts."

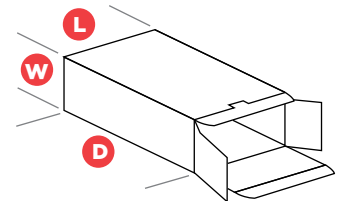
James T. Yost
President

A leading manufacturer in
design, planning, conversion,
dedication, quality and
superior customer service

Nat-Pak™ Kraft

An in-stock carton specifically manufactured for the fastener industry.

- **18 sizes available for immediate shipping**
- Manufactured from quality, super-strong Kraft board
- Designed with double-strength sift-proof bottom
- Featuring unique Slot-Lok tuck flap
- Easy assembly
- Quick loading
- Minimum order one case



IN STOCK!

Item #	Length (in)	Width (in)	Depth (in)	Cubic Cap.	Qty/Case	Approx. Wt/Case
NCC 1	1 3/8	1	2 1/8	2.9	2075	34 lbs
NCC 2	1 3/4	1 1/16	2 5/8	4.9	1500	31 lbs
NCC 3	1 15/16	1 1/4	2 7/8	6.9	2500	64 lbs
NCC 4	2 3/16	1 5/16	3 1/8	8.9	2050	64 lbs
NCC 5	2 1/4	1 3/8	3 1/4	10.0	1850	59 lbs
NCC 6	2 1/2	1 7/16	3 1/2	12.6	1675	63 lbs
NCC 7	2 1/2	1 1/2	3 7/8	14.5	1525	66 lbs
NCC 8	2 3/4	1 9/16	3 15/16	16.9	1350	63 lbs
NCC 9	2 7/8	1 1/2	4 1/8	17.8	1350	66 lbs
NCC 10	3 1/8	1 7/8	4	23.4	1050	61 lbs
NCC 11	3 3/8	2 1/16	4 1/16	28.3	800	52 lbs
NCC 12	3 5/8	2 1/4	4 1/4	34.7	900	66 lbs
NCC 13	3 5/8	2 1/4	4 7/8	39.8	650	52 lbs
NCC 14	3 5/8	2 1/4	5 1/2	44.9	650	56 lbs
NCC 15	3 5/8	2 3/4	5 7/16	54.2	600	64 lbs
NCC 16	3 5/8	2 3/4	6 1/4	62.3	500	57 lbs
NCC 17	4 1/4	3	6 1/2	82.9	425	55 lbs
NCC 18	5	3	6 1/2	97.5	400	62 lbs

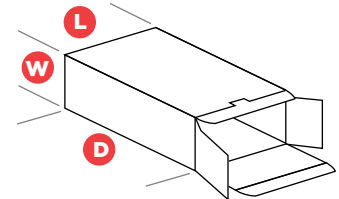
Custom printing and sizes available - request a quote through our website or call for details
 \$5.00 handling fee for all orders under 5 cases
 Prices are subject to change without any notice
 F.O.B. Xenia, OH



Nat-Pak™ White

An in-stock carton specifically manufactured for the fastener industry.

- **18 sizes available for immediate shipping.**
- Manufactured from quality, super-strong, white-coated paperboard
- Designed with double-strength sift-proof bottom
- Featuring unique Slot-Lok tuck flap
- Easy assembly
- Quick loading
- Minimum order one case



IN STOCK!

Item #	Length (in)	Width (in)	Depth (in)	Cubic Cap.	Qty/Case	Approx. Wt/Case
NCC 1W	1 3/8	1	2 1/8	2.9	2075	34 lbs
NCC 2W	1 3/4	1 1/16	2 5/8	4.9	1500	31 lbs
NCC 3W	1 15/16	1 1/4	2 7/8	6.9	2500	64 lbs
NCC 4W	2 3/16	1 5/16	3 1/8	8.9	2050	64 lbs
NCC 5W	2 1/4	1 3/8	3 1/4	10.0	1850	59 lbs
NCC 6W	2 1/2	1 7/16	3 1/2	12.6	1675	63 lbs
NCC 7W	2 1/2	1 1/2	3 7/8	14.5	1525	66 lbs
NCC 8W	2 3/4	1 9/16	3 15/16	16.9	1350	63 lbs
NCC 9W	2 7/8	1 1/2	4 1/8	17.8	1350	66 lbs
NCC 10W	3 1/8	1 7/8	4	23.4	1050	61 lbs
NCC 11W	3 3/8	2 1/16	4 1/16	28.3	800	52 lbs
NCC 12W	3 5/8	2 1/4	4 1/4	34.7	900	66 lbs
NCC 13W	3 5/8	2 1/4	4 7/8	39.8	650	52 lbs
NCC 14W	3 5/8	2 1/4	5 1/2	44.9	650	56 lbs
NCC 15W	3 5/8	2 3/4	5 7/16	54.2	600	64 lbs
NCC 16W	3 5/8	2 3/4	6 1/4	62.3	500	57 lbs
NCC 17W	4 1/4	3	6 1/2	82.9	425	55 lbs
NCC 18W	5	3	6 1/2	97.5	400	62 lbs

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 \$5.00 handling fee for all orders under 5 cases
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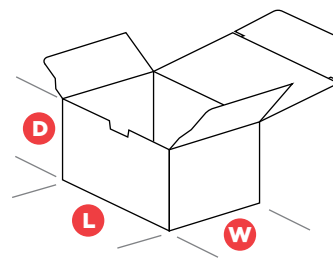


Nat-Flute™ Kraft



IN STOCK!

- **Available for immediate shipping**
- Nat-Flute™ is made in rigid, super-strong 175# Test Kraft corrugated to support the heaviest hardware
- Top-loading for ease in hand, or machine-filling
- Tuck top full auto bottom; fast, easy assembly
- High burst strength, stronger stacking capability
- More cost-effective than one-piece hinged lid cartons
- Manufactured and stocked in our warehouse for faster delivery
- Knocked down flat for ease in shipping, storage and cost savings
- Minimum order one case



Item #	Length (in)	Width (in)	Depth (in)	Cubic Cap.	Qty/Case	Approx. Wt/Case
NF18E	4 7/16	3 3/8	2	30.0	250	19 lbs
NF12E	4 1/8	3 1/4	3 1/8	41.9	250	22 lbs
NF109E	4 1/4	4 1/8	3 1/4	57.0	250	27 lbs
NF108E	5 1/8	4 1/8	3 1/8	66.1	200	25 lbs
NF6E	6 1/4	4 1/2	2 1/4	63.3	250	32 lbs
NF106E	6 5/8	4 1/8	3 1/4	88.8	200	30 lbs
NF5E	6 5/8	5 1/8	4 1/8	140.1	125	24 lbs
NF8E	7 7/8	5	3 1/4	128.0	125	24 lbs
NF4E	10 1/2	4 1/8	3 1/4	140.8	125	27 lbs
NF3E	10 1/2	4 1/8	4 1/4	184.1	125	30 lbs

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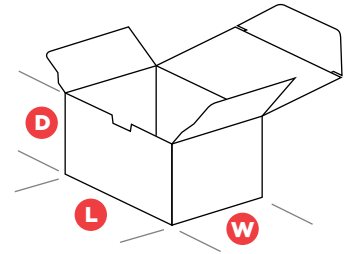


Nat-Fast™



IN STOCK!

- **Available for immediate shipping**
- Nat-Fast™ is produced in .026 Double Lined Kraft making it perfect for lighter hardware packaging needs
- Top-loading for ease in hand or machine-filling
- Tuck top hardware bottom for N96 and N72; tuck top auto-bottom on N48, N36 and N24; fast, easy assembly
- More cost-effective than one-piece hinged lid cartons
- Manufactured and stocked in our warehouse for faster delivery
- Knocked down flat for ease in shipping, storage and cost savings
- Minimum order one case



Item #	Length (in)	Width (in)	Depth (in)	Cubic Cap.	Qty/Case	Approx. Wt/Case	Type
N96	2	1 21/32	1 5/8	5.4	1500	35 lbs	Tuck Top Hardware Bottom
N72	2 5/32	2	1 11/16	7.3	1000	29 lbs	Tuck Top Hardware Bottom
N48	3 5/16	2	1 21/32	11.0	1000	35 lbs	Tuck Top Automatic Bottom
N36	3 7/16	2 3/16	2	15.0	1000	42 lbs	Tuck Top Automatic Bottom
N24	3 7/16	3 5/16	2	22.8	500	29 lbs	Tuck Top Automatic Bottom

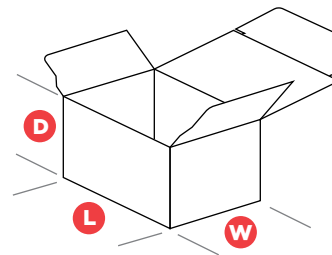
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F.O.B. Xenia, OH



Kraft Reverse Tuck Boxes



- **Available for immediate shipment**
- Durable .024 kraft board
- Reverse Tuck Style - all-purpose box that is inexpensive and easy for packaging
- Boxes meet Federal Specification PPP-B-566
- One case minimum order



IN STOCK!

Item #	Length (in)	Width (in)	Depth (in)	Qty/Case	Approx. Wt/Case
CB2	1 7/16	13/16	1 7/16	2000	19 lbs
CB6	1 1/2	1	3	2000	33 lbs
CB5	1 1/2	1 1/2	2 1/4	1000	18 lbs
SB85	1 1/2	1 1/2	3	1000	22 lbs
CB3	1 1/2	1 1/2	4	1000	27 lbs
SB16	1 3/4	1 3/4	6	500	20 lbs
SB32	2	1 1/4	3	1000	23 lbs
SB1	2	2	3	1000	31 lbs
SB2	2	2	4	1000	36 lbs
SB4	2	2	7	500	27 lbs
CB7	2	2	7 1/2	500	29 lbs
SB62	2 1/4	2 1/4	2 1/4	1000	34 lbs
SB35	2 1/2	1 1/4	2 1/2	1000	19 lbs
SB3	2 1/2	1 3/4	3	1000	32 lbs
SB52	2 1/2	2	8 7/8	500	36 lbs
SB47	2 1/2	2 1/2	3	500	20 lbs
SB21	2 1/2	2 1/2	4	500	23 lbs
SB17	2 1/2	2 1/2	6	500	31 lbs

Additional sizes available on our website
 Custom printing and sizes available - request a quote through our website or call for details
 Prices are subject to change without any notice
 F.O.B. Xenia, OH



Kraft Reverse Tuck Boxes

Item #	Length (in)	Width (in)	Depth (in)	Qty/Case	Approx. Wt/Case
SB42	2 1/2	2 1/2	8	500	37 lbs
SB66	2 5/8	11/16	2 5/8	1000	22 lbs
SB67	2 5/8	2	2 5/8	1000	38 lbs
SB22	2 7/8	11/2	5 5/16	500	23 lbs
SB5	3	1 1/4	3	1000	29 lbs
SB8	3	2	3	500	19 lbs
SB6	3	2	5	500	26 lbs
SB70	3	2 1/2	4	500	26 lbs
SB7	3	3	3	500	26 lbs
SB9	3	3	4	250	16 lbs
SB18	3	3	6	250	22 lbs
SB43	3	3	10	250	27 lbs
SB72	3 1/4	1 3/16	3 1/4	1000	31 lbs
SB73	3 5/16	11/2	3 5/16	1000	35 lbs
SB74	3 1/2	1 1/4	3 1/2	1000	34 lbs
SB23	3 1/2	2 1/2	5 1/2	500	36 lbs
SB75	3 5/8	1	3 5/8	1000	35 lbs
SB11	3 3/4	1 9/16	3 3/4	250	10 lbs
SB24	3 15/16	1 3/4	6 5/16	500	30 lbs
SB12	4	1 5/8	4	500	25 lbs
SB77	4	2 1/2	6	250	21 lbs
SB29	4	4	4	250	22 lbs
SB25	4	4	6	250	29 lbs
SB41	4	4	8	200	28 lbs
SB19	4 1/4	1 1/4	4 1/4	500	24 lbs
SB50	4 1/2	1	5	500	27 lbs
SB20	4 1/2	1 7/8	4 1/2	500	31 lbs
SB79	4 13/16	1 1/4	4 13/16	500	28 lbs
SB14	4 7/8	2 1/16	4 7/8	250	19 lbs
SB81	5 1/4	1	5 1/4	500	34 lbs
SB147	5 1/2	3	8 1/2	250	25 lbs
SB83	5 5/8	1 5/16	5 5/8	250	19 lbs
SB33	5 5/8	2 1/2	5 5/8	250	24 lbs
SB30	6	1 1/2	6	250	21 lbs
SB82	6 1/4	2 1/4	6 1/4	250	18 lbs
SB84	6 3/8	1 1/2	6 3/8	250	23 lbs
SB31	7 1/4	2	7 1/4	200	25 lbs

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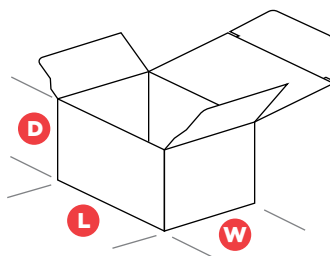


White Reverse Tuck Boxes



IN STOCK!

- Available for immediate shipment
- Durable .024 white board
- Reverse Tuck Style - all-purpose box that is inexpensive and easy for packaging
- Boxes meet Federal Specification PPP-B-566
- One case minimum order



Item #	Length (in)	Width (in)	Depth (in)	Qty/Case	Approx. Wt/Case
CB5W	1 1/2	1 1/2	2 1/4	1000	18 lbs
SB85W	1 1/2	1 1/2	3	1000	22 lbs
CB3W	1 1/2	1 1/2	4	1000	27 lbs
SB16W	1 3/4	1 3/4	6	500	20 lbs
SB32W	2	1 1/4	3	1000	23 lbs
SB1W	2	2	3	1000	31 lbs
SB2W	2	2	4	1000	36 lbs
SB4W	2	2	7	500	27 lbs
SB62W	2 1/4	2 1/4	2 1/4	1000	34 lbs
SB35W	2 1/2	1 1/4	2 1/2	1000	19 lbs
SB3W	2 1/2	1 3/4	3	1000	32 lbs
SB64W	2 1/2	1 3/4	4	1000	40 lbs
SB52W	2 1/2	2	8 7/8	500	36 lbs
SB21W	2 1/2	2 1/2	4	500	23 lbs
SB17W	2 1/2	2 1/2	6	500	31 lbs
SB42W	2 1/2	2 1/2	8	500	37 lbs
SB36W	2 1/2	2 3/4	8 3/4	250	22 lbs
SB67W	2 5/8	2	2 5/8	1000	38 lbs

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 F.O.B. Xenia, OH



White Reverse Tuck Boxes

Item #	Length (in)	Width (in)	Depth (in)	Qty/Case	Approx. Wt/Case
SB22W	2 7/8	1 1/2	5 5/16	500	23 lbs
SB68W	3	7/8	3	1000	23 lbs
SB5W	3	1 1/4	3	1000	29 lbs
SB69W	3	1 5/16	3	1000	29 lbs
SB8W	3	2	3	500	19 lbs
SB6W	3	2	5	500	26 lbs
SB70W	3	2 1/2	4	500	26 lbs
SB7W	3	3	3	500	26 lbs
SB9W	3	3	4	250	16 lbs
SB18W	3	3	6	250	22 lbs
SB43W	3	3	10	250	27 lbs
SB72W	3 1/4	1 3/16	3 1/4	1000	31 lbs
SB73W	3 5/16	1 1/2	3 5/16	1000	35 lbs
SB74W	3 1/2	1 1/4	3 1/2	1000	34 lbs
SB23W	3 1/2	2 1/2	5 1/2	500	36 lbs
SB76W	4	1 1/16	4	500	20 lbs
SB12W	4	1 5/8	4	500	25 lbs
SB77W	4	2 1/2	6	250	21 lbs
SB29W	4	4	4	250	22 lbs
SB25W	4	4	6	250	29 lbs
SB41W	4	4	8	200	28 lbs
SB19W	4 1/4	1 1/4	4 1/4	500	24 lbs
SB50W	4 1/2	1	5	500	27 lbs
SB20W	4 1/2	1 7/8	4 1/2	500	31 lbs
SB13W	4 5/8	2 3/8	7 3/8	250	24 lbs
SB79W	4 13/16	1 1/4	4 13/16	500	28 lbs
SB14W	4 7/8	2 1/16	4 7/8	250	19 lbs
SB34W	5	5	5	250	37 lbs
SB81W	5 1/4	1	5 1/4	500	34 lbs
SB83W	5 5/8	1 5/16	5 5/8	250	19 lbs
SB33W	5 5/8	2 1/2	5 5/8	250	24 lbs
SB30W	6	1 1/2	6	250	21 lbs
SB28W	6	4	6	125	18 lbs
SB82W	6 1/4	2 1/4	6 1/4	250	18 lbs
SB31W	7 1/4	2	7 1/4	200	25 lbs

Additional sizes available on our website
 Custom printing and sizes available - request a quote through our website or call for details
 Prices are subject to change without any notice
 F.O.B. Xenia, OH



Nat-Flats™ Kraft Flat Mailers



IN STOCK!

- **Available for immediate shipment**
- Strong, durable flat mailers with unique tab locks eliminates flap bulge, **No taping required**
- Manufactured from .038 Kraft board
- Designed to stay rigid and flat. No need for additional stiff packing material as with paper envelopes
- Lightweight construction means lower postage costs for bulk mailings
- 11 sizes available for shipping anything flat - photographs, diplomas, calendars, catalogs, blueprints, machinery gaskets, etc.
- One case minimum order

Item #	Size (in)	Uses	Qty/Case	Approx. Wt/Case
68	6 x 8	5 x 7" Photos	100	11 lbs
911	9 x 11 1/2	8 x 10" Photos	100	23 lbs
912	9 3/4 x 12 1/4	Letters/Photos	100	26 lbs
1113	11 x 13 1/2	Large Documents	100	31 lbs
1116	11 x 16	Photos/Calendars	100	35 lbs
1215	12 3/4 x 15	Legal Size	100	39 lbs
1318	13 x 18	Art Boards	100	48 lbs
1721	17 x 21	Posters	50	39 lbs
1824	18 x 24	Posters/Prints	50	50 lbs
2027	20 x 27	Desktop Calendars	50	57 lbs
2430	24 x 30	Bulletin Boards	25	39 lbs

Custom printing and sizes available - request a quote through our website or call for details
 Prices are subject to change without any notice
 F.O.B. Xenia, OH



Nat-Flats™ White Flat Mailers



IN STOCK!

- **Available for immediate shipment**
- Strong, durable flat mailers with unique tab locks eliminates flap bulge, **No taping required.**
- 66W and 810W manufactured from .020 CCNB
All other mailers manufactured from .028 CCNB
- Designed to stay rigid and flat. No need for additional stiff packing material as with paper envelopes
- Lightweight construction means lower postage costs for bulk mailings
- 9 sizes available for shipping anything flat - photographs, diplomas, calendars, catalogs, blueprints, machinery gaskets, etc.
- One case minimum order

Item #	Size (in)	Uses	Qty/Case	Approx. Wt/Case
66W	6 x 6	CD	100	5 lb
68W	6 x 8	CD w/Case	100	9 lb
79W	7 x 9	DVD	100	12 lb
810W	8 1/2 x 10 1/2	Letters/Photos	100	13 lb
911W	9 x 11 1/2	8 x 10" Photos	100	19 lb
912W	9 3/4 x 12 1/4	Letters/Photos	100	22 lb
1113W	11 x 13 1/2	Large Documents	100	28 lb
1215W	12 3/4 x 15	Legal Size	100	35 lb
1318W	13 x 18	Documents/Art Bds.	100	41 lb

Custom printing and sizes available - request a quote through our website or call for details
Prices are subject to change without any notice
F.O.B. Xenia, OH



Nat-Flats™ Self-Seal White Mailers



IN STOCK!

- **Available for immediate shipment**
- Available for shipping anything flat - floppy disks, photographs, diplomas, calendars, gaskets, catalogs or brochures, etc.
- 96 EZ manufactured from .024 SBS
All other mailers manufactured from .028 CCNB
- Convenient and economical for tamper-proof shipping
- Self-seal adhesive strip. No tape needed.
- Light weight construction for lower postage
- One full case minimum order

Item #	Size (in)	Uses	Qty/Case	Approx. Wt/Case
68 EZ	6 x 8	CD with Case	100	9 lb
79 EZ	7 x 9	DVD	100	12 lb
96 EZ	9 x 6	5" x 7" Photos	100	8 lb
911 EZ	9 x 11 1/2	8" x 10" Photos	100	19 lb
912 EZ	9 3/4 x 12 1/4	Letters/Photos	100	22 lb
1113 EZ	11 x 13 1/2	Large Documents	100	28 lb
1215 EZ	12 3/4 x 15	Legal Size	100	35 lb
1318 EZ	13 x 18	Documents/Art Bds.	100	42 lb
1721 EZ	17 x 21	Posters	100	30 lb
1824 EZ	18 x 24	Posters/Prints	50	39 lb
2027 EZ	20 x 27	Desktop Calendars	50	48 lb

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F.O.B. Xenia, OH



Manufactured From
Recycled Fibers

Custom Packaging



DESIGNED TO SUIT YOUR NEEDS AND BUDGET

National Carton & Coating Co. is a producer of custom printed folding cartons. We offer a full service manufacturing plant and warehouse. The facility is complimented by a staff with decades of industry experience.

Our qualified service professionals start by gathering application specs and technical requirements. We help guide you through the entire process, offering advice and insight along the way in an effort to maximize quality while reducing cost. We are eager to work with you and your company on designing the very best packaging solution to fit you and your customer's needs.

Technical expertise

Our carton design engineers will help you pick the right board material and thickness according to your requirements. Utilizing past experience they can offer insight into shortcomings of a chosen style or correcting oversights from a previous supplier.

Creative concepts

Our graphics design team can provide you with full-color design ideas that bring your concepts to life with professional mock-ups.

Engineered solutions

Our expert designers and engineers can create precise CAD drawings that will meet your exact technical and visual specifications and from those blueprints, provide you with samples of your custom carton for approval, ensuring the highest quality.

Precision production

Our digital production process guarantees consistent quality. This state of the art equipment and our ability to stay on the forefront of technology keep our prices competitive while reducing overhead.

Ensuring success

We can provide you with a technical consultation in setting up and running your machine filling equipment. We are willing to work with your team on conducting a trial to replicate your facilities equipment to ensure a smooth run.

Fast turnaround

Whether you need high-end six-color graphics, or simple designs, we have the in-house capabilities to go from conceptual art to a proof and finally to the press in a matter of hours.

Inventory

Our large warehouse lends us the ability to help manage your inventory.



Manufactured From
Recycled Fibers

Custom Carton Styles

NEED A CUSTOM FOLDING CARTON? YOU NEED NATIONAL CARTON & COATING CO.

When your packaging needs demand a customized solution, we have a system in place to keep the project flowing on target and on budget. From the initial design stage to the finished project, we keep you in the loop every step of the way. Throughout

the process, our production experts apply quality control processes as needed to ensure that all of your specifications are met. National Carton & Coating Co. is in the business of making you successful. We translate your vision into reality.

Here are a few examples of folding carton styles:

REVERSE TUCK END

Ends tuck into box from opposite directions. Most economical layout due to nesting.



STRAIGHT TUCK END

Ends tuck into box from the same direction. Presents a more finished appearance on the front.



TUCK TOP AUTO BOTTOM

Bottom pops into place automatically. This means higher filling speeds in hand fulfillment operations.



TUCK TOP SNAP LOCK BOTTOM

Bottom is assembled with overlapping tuck flaps for increased strength.



FULL SEAL END

Designed to be used with high-speed automated filling. Ends are glued by machine in fulfillment.



STRAIGHT TUCK WITH HEADER, WINDOW & HANGER

If the carton is to be hung on a rack, the hanger extension requires a straight tuck.



BEERS TOP & BOTTOM TRAY

Glued tray style that ships flat and pops into a carton. Ideal for stationery, clothing or gift wrapping applications.



BEERS TRAY WITH ATTACHED LID

Ships flat. Similar to Beers Top & Bottom. Ideal for foods, pies and clothing.



COUNTERTOP DISPLAY

Countertop displays are often also the shipper carton to save money. These dual-purpose cartons carry then display the product.



LOCK TRAY WITH LID

An inexpensive, no-glue assembly carton style. Ideal for presentations.



Custom Packaging Materials

Micro-Flute

The micro fluted design provides the strength and stability required to handle the demands of heavier products and machine-filled applications. A product that not only works well, it looks great. Our in-house offset printing capabilities ensure clean, quality graphics carton for carton. This substrate is also available in F & N flute sizes.

SBS (Solid Bleached Sulfate)

This is the top choice for packaging perfection. This material provides the best pure white printing surface available – top-coated for outstanding ink holdout and superior print quality. Designed to support full color printing, crisp die-cutting, folding and scoring, this is your best bet for premium packaging projects. For applications that require customers to see your product, NCC is the window expert. We'll match the film to your application, from food and cosmetics to toys and hardware.

SUS (Solid Unbleached Sulfate)

A strong performer, in fact, 20% stronger than its recycled counterpart. The coated top liner offers a significantly smoother printing surface for crisp, clean graphics. Cheers to its wet strength for beverage and freezer applications, as well as for hardware and fasteners.

CCNB (Clay Coated Newsback)

Your “good news” alternative. Constructed of recycled material with a coated top liner, this

material offers strength and multi-color printability at an affordable price. Ideal for food, auto parts, hardware and more. One variation to this material is you can have a Kraft Back, adding about 5 percent stacking and bursting strength.

CCKB (Clay Coated Kraft-Backed)

As an alternative to Clay Coated News Back, Clay Coated Kraft-Back looks as good as it performs. The top surface is coated with clay and the body of the sheet is made from virgin material. The Kraft Back paperboard adds nearly 5 percent stacking and burst strength. And the coated top liner provides a smooth, bright white surface for outstanding printability.

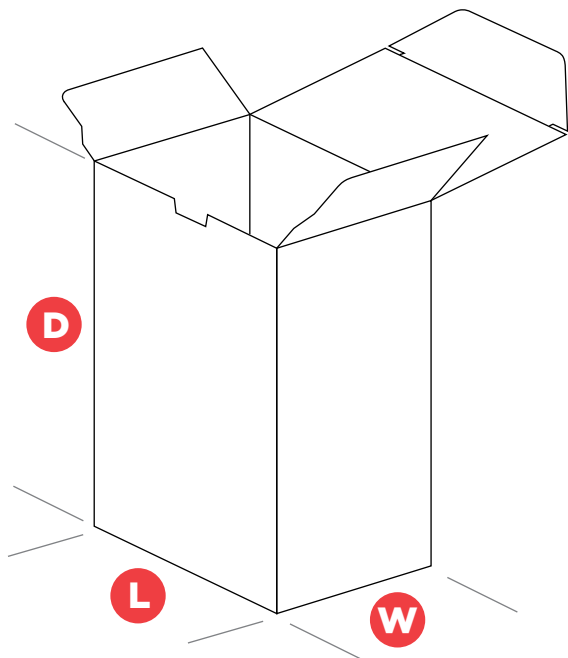
Kraft Pak

Your down-to-Earth option. The brown kraft material gives your package an earthy, eco-friendly image and works well with two or three color graphics. Its clean look and ease of printability make this a popular choice for the fast food industry, as well as fasteners and small parts. Lower basis weight makes this material cost competitive with recycled board. Yet at lower basis weight it still maintains comparable tear strength.

Bending Chip

This board won't bend your budget. This affordable, uncoated brown chipboard is your best bet for small parts, industrial items and other stock box solutions. No slacker, this material can handle up to two-color printing if needed.

How to Measure



Size is important for obvious reasons when trying to fit your product in a folding carton. Let's take a quick look on how to properly read and write measurements according to the industry standard. There are three dimensions to the basic folding carton; Length (L), width (W), and depth (D).

In written form the dimensions should appear in that order. Use the figure to the left; match each of the dimensions up with its corresponding side.

When determining the size of a folding carton, be sure to measure from the middle of the score. To ensure accuracy, measurements should be taken to 1/16th of an inch.

Mailers are measured in a similar fashion to the folding carton, except the mailer only has two dimensions; Width (W) and dimension (D). Width is measured in the horizontal direction while depth is measured vertically.

The Micro-Flute Advantage

MAXIMIZE PRECISION, PRINTABILITY AND PERFORMANCE

When you want a carton that performs double-duty as a retail graphics display and strong, stable packaging, ordinary corrugated boxes just don't cut it. We offer a full line of micro flute substrates that stand up to all the others. Constructed to out-perform corrugated boxes, our micro flutes have a distinct advantage in every aspect of your packaging needs, from precision fabrication and durability to superior printability and fulfillment.

Fill to perfection

Because we manufacture our micro flutes with precision on high-speed platen die cutter, micro flute cartons machine fill and hand fill with speed and ease

Build to suit

Micro flute gives you the flexibility to incorporate a wide range of design features, including slot lock tuck flaps, auto bottoms, reverse tucks, sealed ends and sift-proof bottoms, for maximum productivity on line and in use.

Print to impress

Offset-printed just like paper, our micro flutes have pricing comparable to folding cartons while providing high-end multi-color graphics, unheard of with flexo-printed corrugated boxes, for the ultimate package appeal.



Sustainable & Eco-Friendly Packaging Solutions

The term “going green” or “green packaging” is in huge demand. Many companies are striving to convert their operations to support this important initiative. At National Carton, we have always recognized the importance of sustaining our ecology. Since this is nothing new to us, we are well ahead of the curve in our continued sustainability efforts.

Eco friendly packaging is not just a matter of preference, but imperative to business. We will work with you on your particular project and offer a range of alternatives that are friendlier to our environment. This will help make your packaging displays as green as possible.

SOME OF THE ECO-FRIENDLY OPTIONS WE OFFER ARE:

100% Recycled Board

Our recycled board contains 65% pre consumer content and 35% post consumer content. Packaging products using recycled board is a great way to meet customers rising expectations for environmentally responsible packaging.

Aqueous Coatings

These water based protective coatings are used to provide a high gloss surface, protecting the surface from finger prints, dirt, smudges, and scratching. They make an excellent eco friendly alternative to conventional varnishes or UV coatings.

Minimizing Carton Size

NCC’s design experts will work with you to deliver maximum packaging and display performance while minimizing the amount of packaging material used. This results in less waste to the environment and lower cost to you.

Maximizing Skid Use

NCC will plan and work with you on a skid configuration design that minimizes carbon impact by maximizing the use of space on each skid. Maximizing skid use means fewer skids used saving space, weight, fuel use, shipping expense, and carbon impact.



Terms & Conditions

All orders are accepted according to our standard terms and conditions. Terms and conditions are subject to change without warning.

Shipping Terms & Freight

Your order will be shipped from Xenia, Ohio F.O.B. Shipping is calculated based on the weight of the order and the agreed upon shipment method. If a shipment method has not been defined, the shipment will be sent using UPS Ground pre-pay and add according to the shipment weight. Truck loads are shipped collect using your specified carrier. We do not pre-pay and add for truck shipments. Shipping for custom orders may vary upon agreed terms between National Carton and the buyer. National Carton & Coating Co. reserves the right to modify shipping terms for any product.

Credit Terms

National Carton & Coating Co. accepts all major credit cards (Visa, MasterCard, American Express, and Discover). Credit terms of net 30 days are available for customers with approved credit. A credit application is available on the National Carton & Coating Co. website or upon request. National Carton & Coating Co. reserves the right to deny or stop credit.



Return Policy

National Carton & Coating Co. will accept returns of unused cases of stock products. Returns are subject to a restocking fee and the buyer is responsible for return freight. In the event of a return, contact National Carton & Coating Co. at 1-800-800-6221 for detailed instructions. If the contents are damaged, the customer may be responsible for additional charges. All sales are final on custom printed merchandise.

Custom Orders

To initiate an order, please request a quote using the National Carton website or calling 1-800-800-6221 to speak to a customer service representative. After terms of the order have been agreed upon, a purchase order must be submitted by the customer. At the conclusion of the sample and artwork approval process there can be no further changes or cancellations to the order. National Carton & Coating Co. reserves the right to change the order at any time.

Additional Questions

Please contact National Carton by calling **1-800-800-6221** or by e-mailing **Sales@NationalCarton.com**.

Glossary of Terms

Blank - A folding carton after cutting and creasing but before folding and gluing.

Caliper - A dimensional term used interchangeably with the word “thickness” in connection with paperboard. It is expressed in units of thousandths of an inch and is usually written decimally but may be referred to as “points.”

Carton - A unit container made from bending grades of boxboard, see folding carton. It is a shortened term for “folding carton,” the preferred designation for folding boxes, folding paper boxes and folding paperboard boxes. The word carton does not refer to set-up boxes, corrugated or solid fiber shipping containers.

Coating - A substance applied in liquid form to the surface of boxboard to enhance and protect printing or impart special functional properties. Coatings include varnishes, water based, and energy curable coatings (such as ultraviolet or uv).

Computer aided design (cad) - The use of a computer drafting software to design folding cartons. The cad program also provides information for layout and manufacture of the dies that will be used to cut and crease the cartons (computer aided manufacturing or CAM).

Die - A form used for shaping, cutting or stamping out parts and blanks. Usually made from hard metal but may be made of wood or other suitable material.

Die cutting - The cutting of paperboard or paper by a die.

Dust flaps - The narrow flaps extending from each side of a carton or form the sides of a top or cover that turn down into the carton before closure to keep foreign particles out.

Fiberboard - The general term indicating boxboard that contains center plies of a different finish than used for the top and bottom liners.

Film - A flexible plastic material, generally transparent, used as windows in cartons, or for overwraps and laminates. It is extruded, cast or calendered.

Flap - One of the closing members of a folding carton, an envelope or corrugated container.

Folding carton - The generally accepted designation of containers made of bending grades of plain or printed boxboard, cut and creased in a variety of sizes and shapes and delivered to the user in a flat, or glued and collapsed form.

Gluing - The operation of applying an adhesive substance to the surface of a material which causes it to bond or adhere to another.

Glue flap - Structural element or panel of a folding carton blank which is held in position by an adhesive to form a carton. Also referred to as manufacturer’s joint.

Grain - The longitudinal arrangement of the fibers in paper or paperboard which results as they settle in the direction parallel with the travel of the paper or board machine. Direction of the grain is important in carton design as greater tearing strength exists across the grain, and greater tensile strength in grain direction.

Glossary of Terms

Ink receptivity – The degree of penetration of printing inks on the surface of boxboard.

Makeready – General preparatory operations prior to the actual production of printing, or cutting and creasing. It usually involves the adjustment of the impression by overlaying or underlaying the printing plates; the cutting of the female part of the die. Also used in connection with finishing machines such as gluer, waxer, windower.

Package – A container that provides protection, identification, and promotes the sale and use of a product.

Pallet – A low, portable platform of wood, metal, plastic, or fiberboard which facilitates the handling, storage, and transportation of materials as a unit.

Prepress – The collective activities of preparing copy for printing. In an analog workflow, it would include color separation, the production of films, analog proofs, using the film to make printing plates, and the makeready of the press. In a digital workflow, this would include manipulating the digital files for producing the printing plates, digital proofing, and makeready of the press.

Proof – A trial impression made in conjunction with a printing process to determine the need for corrections. Impressions must be taken singly from each colorplate of a set, showing each color alone, and in combination with each of the other colors in proper sequence. Proofs should be made on the board and with the inks to be used for actual production.

Recycled material (fiber) – Reclaimed material which, after repulping, is used as one of the tow principal furnishes for paper or paperboard. If includes boxboard cuttings, over-issue newspaper, reclaimed corrugated containers, mixed paper, tabulating cards, envelope cuttings, kraft cuttings, etc.

Siftproof – A carton constructed in such a way as to prevent granular or powdered contents from escaping.


Stock – A term referring to the materials that go into a sheet of paperboard in the state in which they exist just prior to going through the papermaking machine.

Styles – Folding cartons are made in a great variety of constructions. There is no standard numerical classification of styles, as they are identified by descriptive names and the proprietary designations of their inventors or manufacturers. In the Federal Specification “Boxes, Folding Paperboard” (PPP-B-566a) styles are listed by roman numerals with variations in construction referred to as “types” with arabic numbers, and “classes” with lower case letters.

Tear strip – A perforated band made in a carton blank to facilitate opening the package after it has been filled and sealed. Also a narrow ribbon of film, cord, etc., usually incorporated mechanically in a wrapper or overwrap, or the carton itself.

Thumbhole – A semi-circular or triangular cut made in the sides or ends of cartons to facilitate opening of the package. Also, semi-circular openings used on multipacks for inserting fingers for carrying the package.

Window – A die-cut opening in a carton blank to provide visibility of contents, usually covered with a transparent film. Sometimes referred to as an Aperture.



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