

Paper-padded shipping envelope

FLUTED KRAFT LINER · PLASTIC-FREE · TEAR STRIP

CP-PPE-0912 229 × 305 mm

CP-PPE-1215 305 × 381 mm

PROJECT

CATALOG NO.

TYPE

DATE

PRODUCT DESCRIPTION

A padded mailer whose cushioning is a fluted kraft liner rather than a bubble film, so the whole envelope goes into the paper stream without being pulled apart first. The liner is starch-laminated to the outer face and runs the full width of the pocket, including behind the seal flap, which is where most padded envelopes leave the contents against a single sheet of paper.

Construction

- Two-ply wall: 70 gsm uncoated kraft outer, fluted kraft liner inside
- Starch lamination between the plies; no adhesive film and no bubble
- Liner carried the full width of the pocket and on behind the seal flap
- Side seams glued, base seam folded and glued, no plastic weld anywhere

Board and materials

- Outer face 70 gsm kraft, uncoated both sides, takes a label direct
- Liner thickness 2.2 mm; total wall thickness 2.8 mm
- Cushion equivalence 5 mm bubble film, measured on the flat of the wall
- Self-adhesive strip is synthetic-free hot-melt on a paper liner

Performance

- Maximum gross load 2.3 kg — this is a cushioning pack, not a crush-resistant one
- Cushioning is a face property: it protects against impact, not against a stacking load
- Flat wall thickness 2.8 mm, so a hundred stand 280 mm in the carton
- Unit weight 54 g at 0912; the 1215 runs proportionally heavier

Closure and handling

- One self-adhesive strip on the seal flap closes the outbound trip
- A perforated tear strip opens it without scissors and without cutting the contents
- A second adhesive strip sits below the tear line and is exposed as the strip comes away
- Adhesive tack falls below 5 °C; bring stock to room temperature first

Printing

- Water-based flexo direct to uncoated kraft, no barrier coat
- One or two colours on the face; the reverse is available on the same pass
- Print area stops 12 mm short of the tear perforation and 15 mm short of the strip
- Plain kraft is the stock condition and carries no set-up charge

Tolerances

- Internal length and width ±3 mm — a made envelope moves more than a die-cut blank
- Wall thickness ±0.3 mm
- Seal flap depth ±2 mm
- Tear perforation position ±2 mm from the top edge

Applications

- Apparel, textiles, soft accessories and anything that needs a cushion rather than a cavity
- Small electronics and cosmetics already in a retail carton
- Subscription and rental despatch where the same pack comes back
- Direct replacement for a plastic-lined padded envelope of the same footprint



Three-quarter, closed



Top, closed · Side

SPECIFY

Cushioning is not strength. The liner is there to absorb an impact across the face of the envelope, and it does that as well as a 5 mm bubble film does. It does nothing at all against a crushing load, because there is no wall standing up to carry one. If the contents can be flattened, they want a box; if they can be bruised, they want this.

PLASTIC-FREE

PAPER CUSHION

TEAR STRIP

LABEL-DIRECT

AT A GLANCE

Format	Paper-padded envelope
Sizes	2 – 229 to 381 mm
Wall	2.8 mm, fluted kraft lined
Cushion equivalence	5 mm bubble film
Closure	Adhesive strip and tear strip
Maximum gross load	2.3 kg

See also. Every mark this family holds, what each one certifies and the recycled figure by weight are on the features and benefits sheet.

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BUILD THE CODE

SERIES	SIZE	LINER	PRINT	PACK
CP-PPE	0912 229 × 305 mm	F Fluted kraft, 2.2 mm	K Plain kraft	100 Carton of 100
	1215 305 × 381 mm	—	1C One colour, face	PL Pallet, 12 cartons per layer
			2C Two colour, face	—
			RV Reverse print, adds to 1C or 2C	

Example

CP-PPE-0912-F-1C-100

229 × 305 mm internal, fluted kraft liner, one colour water-based flexo on the face, cartoned one hundred.

- One liner specification across both sizes. The 1215 is not a thicker envelope, it is a larger one.
- RV is a suffix on 1C or 2C rather than a print option on its own: CP-PPE-0912-F-1C-RV-100.
- Reverse print lands on the inside face, which the customer sees as the tear strip comes away.

SIZES, MINIMUM ORDER AND LISTINGS

CODE	INTERNAL SIZE, L × W × D	MINIMUM · LEAD	LISTINGS
CP-PPE-0912	229 × 305 mm	500 · 4 days	 
CP-PPE-1215	305 × 381 mm	500 · 4 days	 

Minimum order and lead time are held against the size in the catalogue record and are shown in the table above. Lead time runs from artwork approval, not from order receipt.

ACCESSORIES, ORDERING

CODE	ITEM	MINIMUM	LEAD
CP-VF-CR18	Crinkle void fill	4 cartons	2 days
CP-CTN-RSC1	Shipping carton, RSC	250	5 days
CP-TP-G70	Water-activated paper tape	12 rolls	3 days

What each accessory is for, and how it goes in, is on the assembly instructions.

CUSTOM SIZES

Outside the two sizes. A bespoke footprint needs new forming tooling at a 10,000 minimum and an 8 week lead. Before committing, check the larger size with the contents seated to one end — an envelope tolerates a loose fit far better than a box does, because there is no cavity for the contents to travel across.

ARTWORK AND PROOFING

REQUIREMENT	
Supply format	Vector PDF or AI, fonts outlined, 1:1 scale
Layout	Face template issued by CambiumPak on order. Artwork is laid to the template, which carries the tear perforation and the label area whether or not they are printed
Colour	Spot to a signed drawdown. Water-based flexo on uncoated kraft shifts warm; screen proofs are indicative only
Minimum type	6 pt positive, 8 pt reversed out of a solid
Keep-clear	12 mm from the tear perforation, 15 mm from the adhesive strip, 10 mm from every seam
Label area	Leave the label area unprinted. A label pressed onto a flexo solid on uncoated kraft lifts at the corner
Proof round	One PDF proof, one production sample on request; a sample round adds 3 days to the lead

Artwork received after 14:00 is logged the next working day. The lead time in the table above runs from artwork approval, not from the day the file arrives.

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MECHANICAL PERFORMANCE

	CP-PPE-0912	CP-PPE-1215
Internal size	229 × 305 mm	305 × 381 mm
Outer face	70 gsm kraft	70 gsm kraft
Liner thickness	2.2 mm	2.2 mm
Total wall thickness	2.8 mm	2.8 mm
Seal flap depth	45 mm	45 mm
Cushion equivalence	5 mm bubble	5 mm bubble
Maximum gross load	2.3 kg	2.3 kg
Unit weight	54 g	79 g
Seam peel	16 N per 25 mm	16 N per 25 mm
Strip tack, after transit	11 N per 25 mm	11 N per 25 mm

TEST CONDITIONS

- The two sizes differ in footprint and in nothing else. Same outer, same liner, same closure and the same load rating — the larger envelope is not the stronger one.
- The load rating is set by the seams rather than by the liner. Cushioning protects the contents; the seams are what hold the weight, and they are the first thing to go.
- Cushion equivalence is quoted on the flat of the wall. At the corner of a loaded envelope the liner is folded rather than flat and the equivalence does not hold there.
- Every figure on this sheet is inferred from the nearest ratified family member. Nothing here has been through a test house.

RELATIVE CAPACITY

Peak deceleration at a 900 mm face drop, 1 kg content

Unlined kraft	92 g
This envelope	38 g
5 mm bubble	36 g
10 mm bubble	24 g
Corrugated mailer	21 g

SERVICE AND STORAGE

Service temperature	5 °C to 50 °C
Storage humidity	40 – 60 % RH
Adhesive	Tack falls below 5 °C – warm before use
Shelf life, flat	18 months in the original carton

MATERIAL SPECIFICATION

Outer face	70 gsm kraft, uncoated
Liner	Fluted kraft, starch-laminated
Cushion equivalence	5 mm bubble
Max gross load	2.3 kg

CHOOSING A SIZE BY CONTENT

CONTENTS	SIZE	SPECIFY
Under 229 × 305 mm, soft	0912	A folded garment, a textile sample, small accessories
Under 305 × 381 mm, soft	1215	Two garments, or one bulky item that still lies flat
Rigid, under 2.3 kg	Either, plus CP-VF-CR18	The liner cushions the face; a rigid item wants a second layer
Rigid, or over 2.3 kg	Not this family	Specify CP-MLR-0806 or a book-wrap; a cavity or a wrap, not a cushion

Size to the contents lying flat, not to their folded bulk. An envelope loaded past the point where the flap closes flat puts the strip under peel from the moment it is sealed, and a strip under peel is the one that opens in transit.

TEST METHODS

FIGURE	METHOD	CONDITIONING
Cushion equivalence	Face impact at 900 mm onto a flat anvil, peak deceleration compared against 5 mm bubble film at equal weight	23 °C / 50 % RH, 24 h
Wall thickness	Micrometer across the flat of the pocket, five points, liner uncompressed	23 °C / 50 % RH, 24 h
Seam peel	180° peel on the side seam, loaded to failure	23 °C / 50 % RH
Strip tack	180° peel from the mating face, 20 minutes after closing and again after a 72 h transit simulation	23 °C / 50 % RH

These figures are inferred from the nearest ratified family member rather than measured on this product. Methods are given so they can be reproduced once the envelope is put through them.

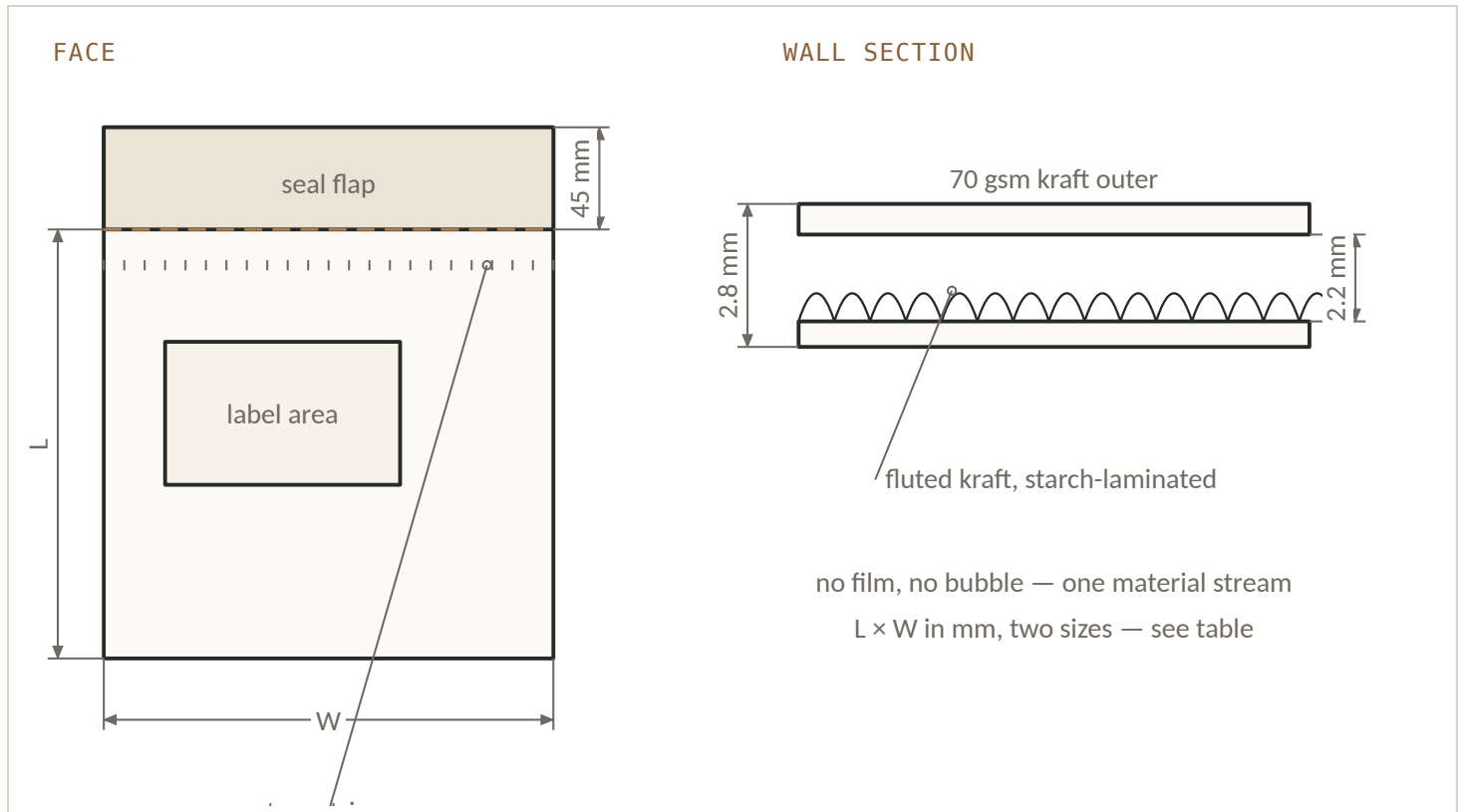
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INTERNAL



Every dimension on this sheet is internal, in millimetres, in length × width order. An envelope has no depth: what would be depth in a box is the thickness of the contents, and the wall thickness given is the made wall rather than a flat-pack figure.

MEASUREMENTS

Internal, 0912	229 × 305 mm
Internal, 1215	305 × 381 mm
Liner thickness	2.2 mm
Total wall thickness	2.8 mm
Seal flap depth	45 mm
Unit weight, 0912	54 g

MADE ENVELOPE AND PRINT

Internal, 0912	229 × 305 mm
Internal, 1215	305 × 381 mm
Seal flap depth	45 mm
Tear perforation, from top edge	18 mm
Label area, both sizes	148 × 105 mm
Print inset from perforation	12 mm

PALLETISATION

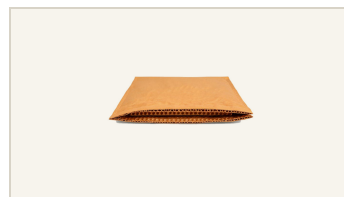
Pallet	1200 × 1000 mm
Cartons per layer	12
Layers per pallet	7
Pallet height, wrapped	1,060 mm



Three-quarter, closed



Top, closed



Side