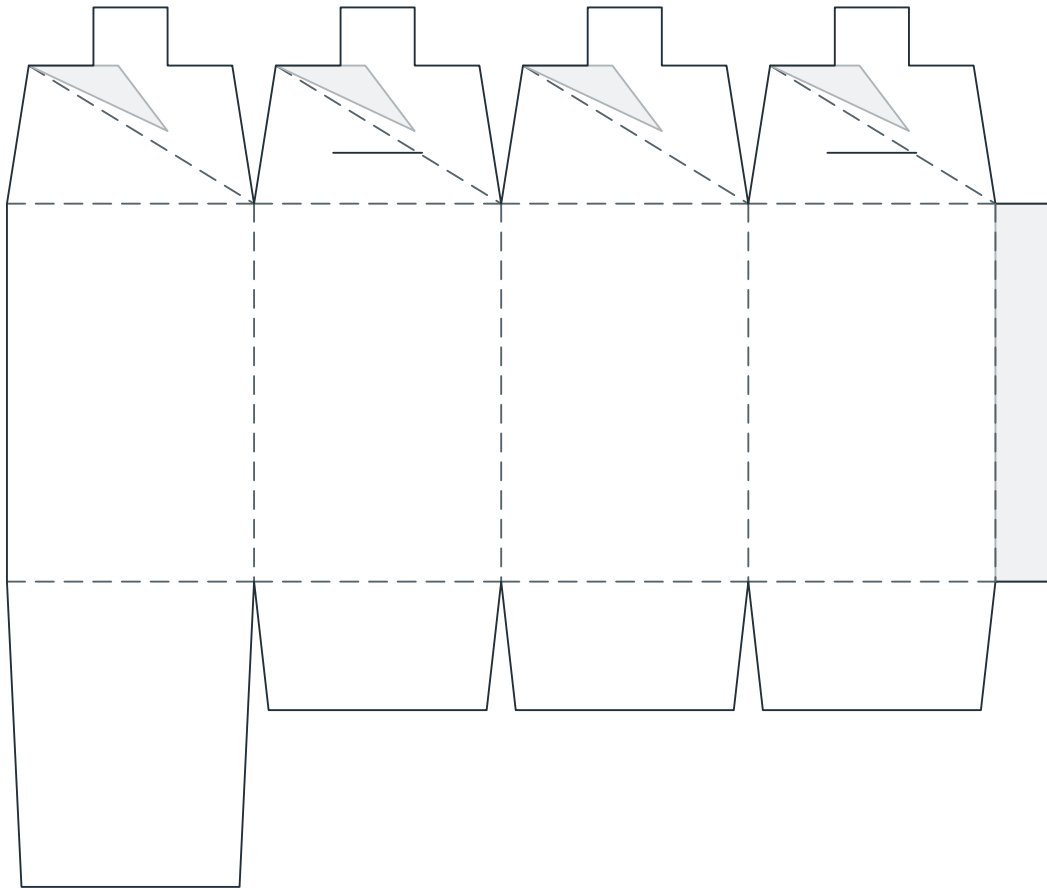


Diagonal-fold tuck-bottom gift box

gif-145 / LETTER / Parts overview - NOT A CUTTING SHEET

USE THE FOLLOWING PATTERN SHEETS AT ACTUAL SIZE.

These miniature views identify the supplied patterns; they are deliberately reduced.



1. Pattern 1

1 pattern sheet supplied. Printed details are not cut lines unless explicitly marked.

Solid cut boundary / dashed score / shaded joining area. Read the full instructions.

Dry-fit the parts before gluing. Keep this overview beside the full-size pattern sheets.



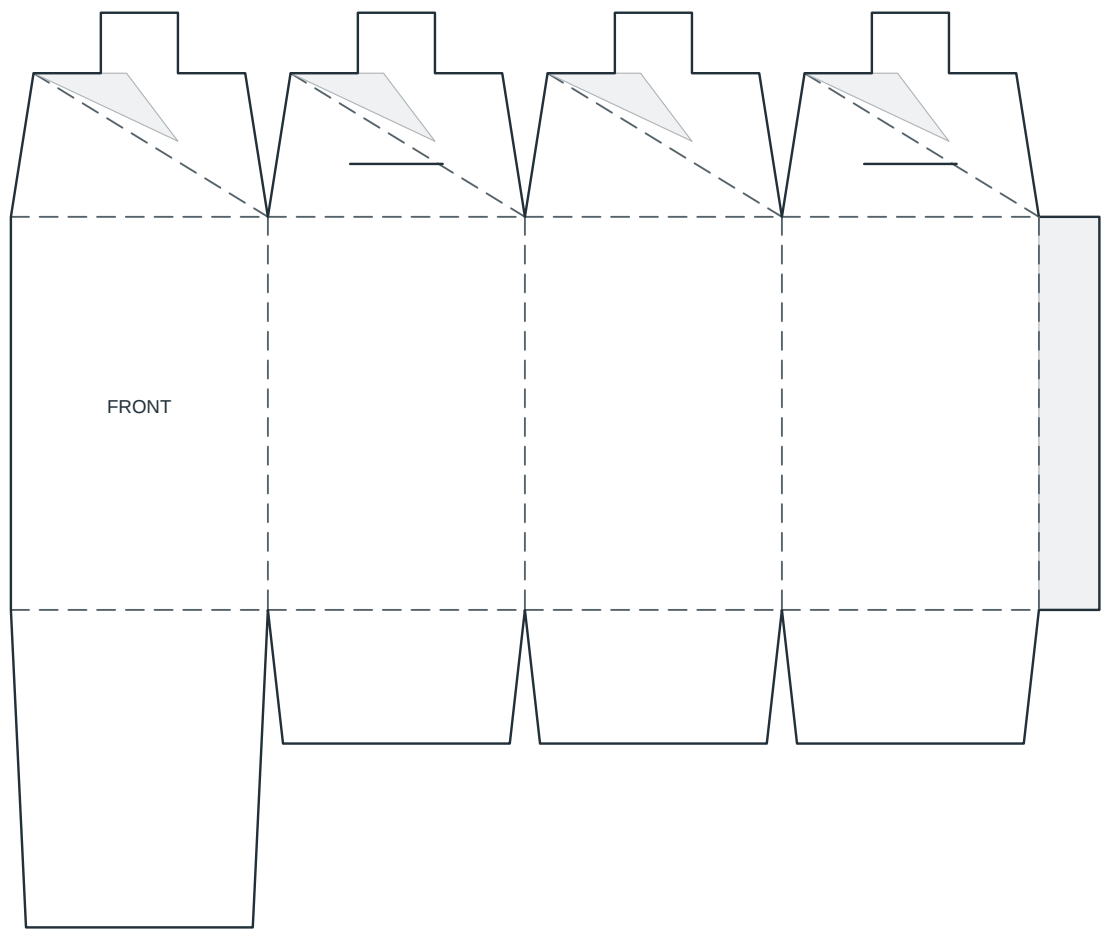
50 mm print check

Print at actual size / 100%. Disable fit-to-page.
Use the paper edition that matches the printer tray.

Diagonal-fold tuck-bottom gift box

gif-145 / LETTER / Pattern 1

Diagonal-fold carton net



Print at actual size / 100%. Disable fit-to-page.
Use the paper edition that matches the printer tray.

Diagonal-fold tuck-bottom gift box

gif-145 / LETTER / Instructions

PURPOSE

Crash-bottom carton prototype developed as a fixed-size paper pattern with separate cut, fold and joining marks. Use the stated drawing sizes and make an empty trial before choosing material or contents.

DRAWING FACTS

- 4 wall panels, each 34 mm wide; height between main end folds 52 mm; seam flap 8 mm.

MATERIALS

Plain paper for a first trial, a ruler, scissors and a blunt scoring tool; adult help for internal cuts.

HOW TO USE THESE PAGES

1. Cut the perimeter and score all marked panel and flap hinges.
2. Fold the four walls into a square tube. Glue the 8 mm shaded side flap behind the first wall and keep the tube square while it dries.
3. Cut the two receiving slits in the bottom flaps. Fold the two slotted flaps inward first, then fold the other two flaps over them and insert each 10.2 mm tip into the opposite 12.24 mm slit.
4. Pre-fold the diagonal bottom creases before tucking the tips. Assemble this version as a tuck-bottom carton; the shaded diagonal areas do not establish a tested automatic pop-open mechanism. Keep them unglued for this assembly.
5. Fold the three short top flaps inward first. Fold the long flap across the opening and tuck its plain end inside the opposite wall. Open and close the empty carton without forcing the flap.

LIMITS AND CHECKS

- Nominal drawing dimensions are not a tested usable-capacity, load, mailing, food-contact or archival specification.
- Do not place valuable, wet, hot or breakable items in an unreviewed paper prototype.
- Trial: Measure the 50 mm reference and at least two named panel dimensions.
- Trial: Assemble an empty plain-paper trial; record closure, seam, clearance and material behavior.



50 mm print check

Print at actual size / 100%. Disable fit-to-page.

Use the paper edition that matches the printer tray.