

Akro-Mills Drawer Divider Guide

Measurement Reference for 8.5" x 11" Cardstock

Specifications:

- Drawer interior: 5.75" wide x 1.2" tall
- Cardstock strip: 2 1/16" wide x 11" long (cut 4 strips per sheet)
- Wall height: 1.1" (folds create double-thickness walls)

3-COMPARTMENT DIVIDER

Total length: 10.15" — Fits on one 11" strip (no joint needed)

Mark #	Position	Fold Direction	What's Next
1	1.917"	↑ Fold UP	Wall 1a
2	3.017"	↓ Fold DOWN	Wall 1b → Floor 2
3	6.033"	↑ Fold UP	Wall 2a
4	7.133"	↓ Fold DOWN	Wall 2b → Floor 3
—	10.150"	(end)	Cut here

4-COMPARTMENT DIVIDER (Two Pieces with Joint)

Total: 12.35" — Split into Piece A (9.81") + Piece B (2.54"), joined at Wall 3 peak

PIECE A (Long) — Cut length: 9.8125"

Mark #	Position	Fold Direction	What's Next
1	1.4375"	↑ Fold UP	Wall 1a
2	2.5375"	↓ Fold DOWN	Wall 1b → Floor 2
3	5.075"	↑ Fold UP	Wall 2a
4	6.175"	↓ Fold DOWN	Wall 2b → Floor 3
5	8.7125"	↑ Fold UP	Wall 3a
—	9.8125"	(end)	Cut here — JOINT EDGE

PIECE B (Short) — Cut length: 2.5375" — Cut 4 per strip!

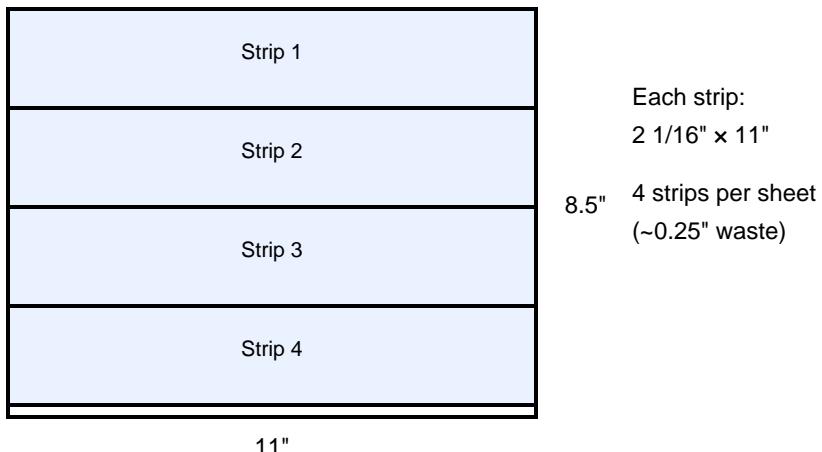
Mark #	Position	Fold Direction	What's Next
—	0"	(start)	JOINT EDGE — attach to Piece A
1	1.1"	↓ Fold DOWN	Wall 3b → Floor 4
—	2.5375"	(end)	Cut here

Assembly (4-Compartment):

1. Fold Piece A completely (all 5 folds)
2. Apply glue or tape to top edge of Wall 3a (the joint edge)
3. Align Piece B's starting edge to Piece A's joint edge
4. Fold Wall 3b down — joint is hidden inside the double wall

Cutting Layout & Visual Reference

Step 1: Cut Strips from Sheet



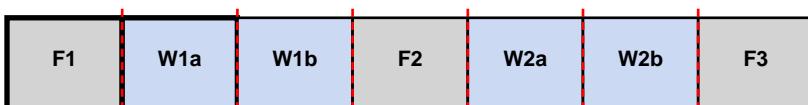
Piece B Layout (4 per strip):



$4 \times 2.5375" = 10.15"$ used per strip

Fold Pattern (Not to Scale — Use measurements on Page 1):

3-Compartment pattern:



F=Floor (gray), W=Wall (blue), Red dashed = fold line

4-Compartment pattern (showing joint):

Piece A



Piece B



Material Calculator:

For N four-compartment dividers:

- Piece A strips needed: N (one per strip)
- Piece B strips needed: $N \div 4$, rounded up
- Total strips: $N + \text{ceil}(N/4)$
- Sheets: Total strips $\div 4$, rounded up

Example: 50 four-compartment + 10 three-compartment

- 4-comp: $50 + 13 = 63$ strips $\rightarrow 16$ sheets
- 3-comp: 10 strips $\rightarrow 3$ sheets
- Total: ~19 sheets

Full-Size Measurement Ruler

Print at 100% scale. Verify with a physical ruler before use.

Quick Ref:

3-comp marks:

1.917, 3.017, 6.033, 7.133
(cut at 10.15)

4-comp Piece A marks:

1.4375, 2.5375, 5.075,
6.175, 8.7125
(cut at 9.8125)

4-comp Piece B mark:

1.1 (cut at 2.5375)

