

Quilt Math: Calculating Quilt Binding (Straight Cut Binding Strips)

Use this chart to calculate the yardage needed for your quilt binding and the number of strips to cut from that yardage.

- **Yardage is based** on 38 inches of usable width. This allows for joining seams at a 45-degree angle and turning corners. It also allows a little extra to ensure you aren't playing "Binding Chicken".
- **Straight-cut strips:** Assumes that strips are cut across the width of the fabric (WOF) and joined with a diagonal seam to form a continuous length.
- **An uneven number of strips** - round up to the next full number — *example: 7.25 strips needed - cut 8 WOF strips.*

Calculating Straight Cut Binding Yardage			
Quilt Size (In Inches)	H + W x 2 = Total Inches	Number of 2-1/2" wide WOF Strips	Total Inches / 38" Yardage Needed
30 x 40	40 + 30 x 2 = 140 Inches	4	1/3 yard
36 x 52	36 + 52 x 2 = 176 Inches	5	3/8 yard
48 x 60	48 + 60 x 2 = 216 Inches	6	1/2 yard
50 x 65	50 + 65 x 2 = 230 Inches	7	1/2 yard
60 x 80	60 + 80 x 2 = 280 Inches	8	5/8 yard
69 x 96	69 + 96 x 2 = 330 Inches	9	2/3 yard
76 x 105	76 + 105 x 2 = 362 Inches	10	3/4 yard
86 x 105	86 + 105 x 2 = 384 Inches	11	7/8 yard
90 x 110	90 + 110 x 2 = 400 Inches	11	7/8 yard
100 x 115	100 + 115 x 2 = 430 Inches	12	7/8 yard
110 x 108	110 + 108 x 2 = 436 Inches	12	7/8 yard