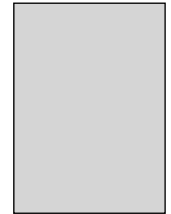


Quilt Math: Calculating Quilt Backing

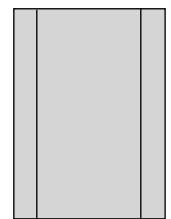
Use this chart to calculate the yardage needed for your quilt backing and the layout of the fabrics to create your backing in the correct size and orientation.

- **Yardage is based** on 40 inches of usable width.
- **These layouts** are designed to avoid a center seam in either direction.
- **DIY Quilting:** Assumes 4 inches larger (length and width) than the quilt top.
- **Long-Arm Quilting:** Assumes 8 inches larger (length and width) than the quilt top.

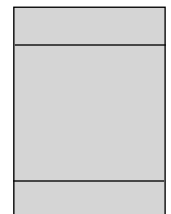
- Use a single length** of fabric.
- Cut yardage to length.** Trim Selvedges. Cut one length in half - lengthwise. Sew one narrow length to each side off the center (wider length).
- Cut yardage to the desired width. Trim Selvedges.** Cut one width in half - lengthwise. Sew one narrow width on each side off the center (wider width).
- Cut 3 lengths.** Trim selvedges. Sew together.
- Cut 3 widths.** Trim Selvedges. Sew together.



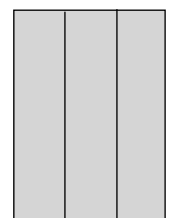
A



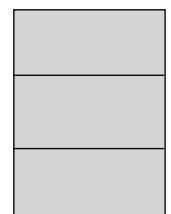
B



C



D



E

Quilt Size (In Inches)	DIY Quilting			Long Arm Quilting		
	Backing Size	Fabric Layout	Yardage Needed	Backing Size	Fabric Layout	Yardage Needed
30 x 40	34 x 44	A	1	38 x 48	A	1
36 x 52	40 x 56	A	1-5/8	42 x 60	B	2-1/2
48 x 60	52 x 64	C	2-7/8	56 x 68	C	3-1/4
50 x 65	54 x 69	C	3-1/4	58 x 73	C	3-1/4
60 x 80	64 x 84	B	4-2/3	68 x 88	B	5
69 x 96	73 x 100	B	5-5/8	77 x 104	B	5-7/8
76 x 105	80 x 109	B	6-1/8	84 x 113	E	7
86 x 105	90 x 109	E	7-1/2	94 x 113	E	7-7/8
90 x 110	94 x 114	E	7-7/8	98 x 118	E	8-1/4
100 x 115	104 x 119	E	8-2/3	108 x 123	D	10-1/4
110 x 108	114 x 112	D or E	9-1/2	118 x 116	D or E	10-1/3