

### Actual Inches for Fractions of Yardage

|          |         |
|----------|---------|
| 1/8 yard | 4 1/2"  |
| 1/4 yard | 9"      |
| 1/3 yard | 12"     |
| 3/8 yard | 13 1/2" |
| 1/2 yard | 18"     |
| 5/8 yard | 22 1/2" |
| 2/3 yard | 24"     |
| 3/4 yard | 27"     |
| 7/8 yard | 31 1/2" |
| 1 yard   | 36"     |

### Decimal Conversion for Fractions of Yardage

|          |       |
|----------|-------|
| 1/8 yard | 0.125 |
| 1/4 yard | 0.25  |
| 1/3 yard | 0.33  |
| 3/8 yard | 0.375 |
| 1/2 yard | 0.5   |
| 5/8 yard | 0.625 |
| 2/3 yard | 0.67  |
| 3/4 yard | 0.75  |
| 7/8 yard | 0.875 |

### Specialty Quilt Backing:

If you are measuring for a double wide quilt back. Double wide quilt backing measure 108" so if both the length or width is less than 100" use the larger for width of fabric and then add 10" to the shorter side to determine how many inches you need. Divide the total number of inches by 36. This is the yardage of double wide backing you will need. If one side is of your quilt is MORE than 100" that measurement plus 10" is the total number of inches you need. [Regardless of the width measurement.] Divide the total number of inches by 36 to find your yardage again. If the fabric has a directional print additional yardage may be required.

If the backing is directional and requires to be positioned in a certain direction measure so the fabric will be oriented correctly.

- If it's a print that runs the length of the fabric, you will need vertical seams.
- If the print runs from selvage to selvage you will need horizontal seams.
- Find the length of the repeat to match large scale or dominant prints that require matching.

**Quilt Backing** – Non directional fabrics Not prints that must be matched or directional fabrics.

- Measure the length and width of the completed quilt top with all borders.
  - \_\_\_\_\_ L X \_\_\_\_\_ W.All quilters cottons and flannels should be considered 40" wide or less for figuring backing.
- Add 10" to the length and 10" to the width. These new measurements are what is required for batting size and backing material.
- Most lap, twin, and full size quilts require at least 2 lengths of fabric for the backing. Most queen and king quilts require 3 lengths of fabric.
- Determine which direction the customer wishes the seam to be aligned and then using the 10" plus number and the width either double or triple that number.
- Divide that number by 36 to determine the yardage needed.

**Specialty Border:** If the print of the fabric requires a border to be cut vertically you must add the length of the side borders plus the number of strips need to complete the top and bottom borders to determine the cut size. If the border is mitered at the corners additional fabric will be needed as well.

**Bias Binding** – bias binding for a 60" X 70" or smaller quilt can be obtained from ½ yard cut of fabric. So two ½ yard cuts could bind up to a square king size quilt. Extra is needed if there are scallops.  
Any quilt with a curved outer edge REQUIRES bias binding.

**Multiple Borders** – When figuring Multiple borders for a quilt you must increase the size of the length and width with each additional border. So after you figure the first border. Add double the width of the first border to both the length and width of the quilt top. Use this measurement to figure the next border. If a third border is requested then again add double the second border to the length and width and use these numbers to figure yardage.

**Quilt Borders** – Borders cut from horizontal strips (Non-directional prints)

- Measure the length and width of quilt. Measure both ends and take the average or through the middle.
  - \_\_\_\_\_ L x \_\_\_\_\_ W.
- Add 2 width and 2 length.  
(Width+Width+Length+Length=) to find the perimeter.
- Divide the sum by 40. (40 is used as the Width of Fabric ALWAYS USE 40 even if the actual WOF is 42 or 44)
- Round up to the next whole number (This is how many strips you will need.)
- Find out the desired width of the border add ½" for seam allowance. (I want a \_\_\_\_\_" border. Add ½" to this number)
- Multiply the number of strips times the desired border width with the added ½". (This is the total number of inches you need)
- Now divide this by 36 and that will tell you how many yards the customer needs.

**Quilt Binding** – (Binding cut from straight of grain horizontal strips)

- Measure the length and width of the completed quilt top with all borders.
  - \_\_\_\_\_ L X \_\_\_\_\_ W.
- Add together 2 lengths and 2 widths  
(Width+Width+Length+Length=) to find the perimeter.
- Divide the sum by 40. (40 is used as the Width of Fabric ALWAYS USE 40 even if the actual WOF is 42 or 44)
- Round up to the next whole number (This is how many strips you will need.)
- Binding is 2 ¼" to 3" depending on fabric choice and customer preference. ASK the customer what width they cut their binding. STANDARD – 2 1/2".
- Multiply the number of strips by 2 ½" or the measurement the customer indicates. (This is the total number of inches you need)
- Now divide this by 36 and that will tell you how many yards the customer needs