



How to Calculate the Number of Fabric Strips and Yards needed for Jelly Roll Rug & the Starting Length



Step by Step Jelly Roll Rug Calculations

First, decide on the size of your Jelly Roll Rug.
Example: 45"length x 27"wide

A Sewn Fabric Tube is usually 11/16"wide which converts to 0.6875"wide.

Take the Rug Width and divide by the Sewn Fabric Tube Width for the Number of Strips
Example: $27" \div 0.6875" = 39.2$ Strips

Continue by taking the Number of Strips and multiply that by the Rug Length for the Sewn Strip Length.

Example: $39.2 \text{ strips} \times 45" = 1764"$

Take the Sewn Strip Length and divide by Actual Length of 1 Strip to get the Total Number of Strips Needed.

Example: $1764" \div 44" = 40$ Total Strips Needed

Now let's figure out the yards needed for the Jelly Roll Rug.

Take the Total Strips Needed and multiply by the Strip Width to get the Total Inches Needed.

Example: $40 \text{ strips} \times 2.5" = 100$ inches

Take the Total Inches and divide by 1 yard (36 inches) to get the Total Yards Needed.

Example: $100" \div 36" = 2.77$ yards or round up to 3 yards to be on the safe side.

Jelly Roll Rug Calculation Chart

Rug Width	Sewn Tube Width 0.6875	Strips Needed	Rug Length	Sewn Strip Length	Length of 1 Strip	Total Strips Needed	Width of Strips	Total Inches Needed	1 yard in inches 36"	Total Yards Needed
27"	$\div 0.6875$	= 39.2	x 45"	= 1764	$\div 44"$	= 40	x 2.5"	= 100"	$\div 36"$	= 2.77 yds.

Jelly Roll Rug Starting Length Calculation

Let's figure out the Starting Length needed at the center of the Jelly Roll Rug.

Take the Rug Length and subtract the Rug Width to get the Starting Length.

Example: 45"long – 27"wide = 18" Starting Length

Disclaimer

Please be advised that there are a lot of variables when it comes to sewing a Jelly Roll Rug to include materials and personal sewing habits. Please keep in mind that these Calculations are approximate and only figured on basic sewing information.



For more information on making a Jelly Roll Rug, visit my YouTube Channel here:
<https://www.youtube.com/@GingerberryCreek>