

HOW TO PUNCH CARDS FOR MULTI (2) COLORED RIBS

Card B:

this card is punched so the first row reflects the background color. The carriage begins on the left side of the machine with the card locked on this row, and the pattern is then selected and memorized (KC, no cam buttons) knitting from left to right. The card is then released, E R rotation, first row of background is knit right to left, and the color changer is then used to pick up contrast color and knit the following two rows. Color changes usually continue every two rows throughout these patterns.

On a standard punchcard, the maximum size of the pattern is 30 rows by 24 stitches because one design row of the pattern requires two rows of punching a card.

This separation occurs in two row units. Each row of your original design will expand into four rows of knitting.

An even number of rows must be knitted in each color, so the total number of rows of the pattern must also be an even number.

Knitting occurs two rows at a time, this means that you knit one row of your design going across with the machine, and the next row of your design coming back. No elongation!

Knit Row	Expanded graph	Row on Design	Color
Rows 1,2	Row 1	Row 1	Color 1 (background)
	Row 2	Row 1	Color 2
	Row 3	Row 2	Color 2
	Row 4	Row 2	Color 1
	Row 5	Row 3	Color 1
	Row 6	Row 3	Color 2
	Row 7	Row 4	Color 2, etc.
Ending row	Row X		Color 1

The ground color is split at the beginning and the end of the sequence. It is expected the background color will knit the largest portion of the design. Most needles will knit with this color.

CARD C:

This is the simplest separation, and a method that always works. In this method one row of the pattern is expanded into four rows of knitting.

Knit Row	Expanded graph	Row on Design	Color
Rows 1	Row 1	Row 1	Color 1 (background)
	Row 2	Row 1	Color 2
	Row 3	Row 2	Color 1
	Row 4	Row 2	Color 2, etc.

In order to knit this design it is necessary to use elongation on your machine and actually knit each row twice. Color is usually changed every two rows. The carriage begins on the right side of the machine with the card locked on row 1, and the pattern is then selected and memorized (KC, no cam buttons) knitting from right to left (toward the color changer). The card is then released, EOR rotation.

On a standard punchcard, the maximum size of the pattern is 30 rows by 24 stitches because one design row of the pattern requires two rows of punching a card.

What was designed as one stitch on your original design now becomes two rows of knitted stitches on the fabric. The amount of elongation of your design however, can vary tremendously with your knitting technique.