

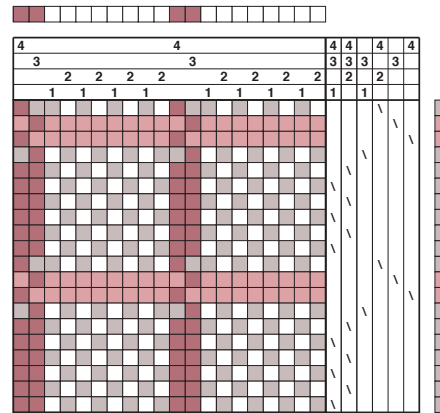
overcheck. Without being tied to a backing cloth, they would not stay put. The warp is made with slightly separated pairs of ends. This arrangement is used in the weft as well. Without some way to keep them close together, the warp ends in each pair would move apart, and the weft yarns would, too.

The trick, then, is to tie them down so that movement both vertically and horizontally is prevented. The simplest way to stabilize them is to catch the warp ends that comprise the face of the fabric with the picks just before and after the two face wefts. We have accomplished that by *not* lifting half the face warp for one pick woven in the back layer before the face wefts and by *not* lifting the other half for the pick that weaves the back for the pick after the face wefts. Draft 7.9a illustrates this.

This structure is a good way to use a very expensive, showy, or otherwise scarce yarn so that every inch of it shows. By choosing the color of the back warp and weft so that the colors of the fancy face yarns are emphasized, the cloth can be fairly dramatic without creating long floats. The warp and weft for the back are finer and quite plain to further contrast with the face. The effect is more pronounced if the color(s) used in the upper layer are lighter in value than those in the backing cloth.

Sometimes it is desirable to make a backed cloth in which the two layers can be separated. By cutting the layers apart so that seams may be made in each layer separately, garments can be made that are completely reversible with no hint on one side that the other side looks different.

If the previous examples were cut apart, one layer would be destroyed because the two layers were stitched with an element of



7.9a Plain weave on both layers—except for stitching—the upper layer is made of heavier and fewer warps and wefts. Because both sides are plain weave, the stitching shows on the back. It shows on the face, too, but the weft that does the stitching is smaller and is less obvious.

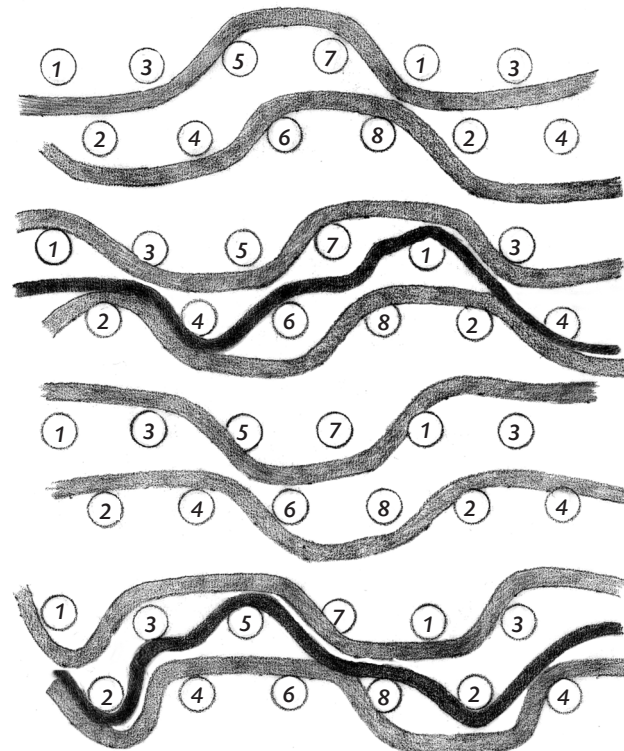


Figure 9 Stitched double cloth using a separate, stitching weft.