

Professor T.H. Read's

★Lessons in Carefree Embroidery★



How to Make Patches

Patches are an embroidered design on firm backing that is applied to clothing and fabrics.

Materials Needed:

- Top fabric: twill, sailcloth, or other suitable fabric, usually a cotton, polyester or blend material.
- Backing material: (crinoline and/or tear away)
- Heat seal.
- Embroidery and merrow threads.

Equipment Needed:

- Embroidery or monogram machine.
- Overedging or zig-zag machine for finishing the edges of the patches.

General Guidelines:

1. Hoop fabric, crinolin and/or backing.
2. Embroider design. It is helpful to have a "cut line" incorporated into the design to act as a guide when cutting the patch.
3. Apply heat seal (either 4220 or 3218) to the back of the embroidered fabric.
Use an iron or a heat press to bond heat seal to patch material.
4. Cut patch to shape with scissors or die cutter.
5. Finish the edges using a serger or overedging or zig zag machine.

Madeira offers the following Heat Seals:

4220 is a highly bondable heat seal used primarily on patches that will be permanently sealed to garment or hats. Use medium pressure at 286°F - 376°F degrees for 15 seconds. Made of Nylon.

5250 is a heat seal film used in conjunction with 9383 or alone to produce permanent seals on patches and appliqués. An economical patch can be created by using 9383 as a stiffener before embroidering and then adding the 5250 as a final coat. Adheres to most fabrics. Use light to moderate pressure between 300°F - 376°F. Made of Polyester.

3218 is heat seal film for finishing the back of patches. Eliminates fraying and adds body and stability to sew-on patches. Adheres to Nylon, Polyester, Polyurethane and PVC. Use medium pressure at 248°F - 266°F for 20 seconds. Made of Polyurethane.



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