

Sandel fabric is designed primarily for cutting and sewing, although gluing and lamination can also be used effectively. It is safe to handle.

Sewing

Sandel fabric is designed primarily to be cut and sewn. The fire barrier performance of products made with Sandel fabric depends upon the seams and joints retaining their strength during a fire event.

The following are starting point recommendations for achieving best results in sewing Sandel:

- Use only non-flammable sewing thread, or equivalent.
- Use lock stitch machine with a walking foot and rotary hook.
- Use ball point needle #17.
- Seaming should be superimposed 4 ply. Taped seams should use non-flammable binding tape.
- Sewing machines should be set for not more than 8 stitches per inch. Closer stitching will significantly reduce the seam strength.
- Seam allowance should be ½ inch and not less than ¼ inch.
- Avoid double stitching as a means of reinforcement.

Gluing

Sandel fabric can also be glued to either itself or to other materials. The fire performance of products that incorporate Sandel may be decreased when glues are used without other mechanical fasteners or sewn seams, clamps and screws. Glued surfaces will open when exposed to fire and at relatively low temperatures.

Lamination

Sandel fabric is well suited for lamination. Bond and peel strengths can be made to meet requirements of many different applications.