

SPECTRUM

CONTRACT VINYL



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Sewing Techniques and Practices Vinyl Upholstery Material

Many times seam failures in vinyl upholstery materials are created by the design and/or sewing practices used by the upholsterer.

Serious considerations should be used in determining the needles, thread, number of stitches and sewing techniques necessary for a specific product's design.

Round point needles are recommended on vinyl because chisel point needles and other needles with sharp edges can create cuts in the vinyl and/or the backing subsequently, tearing occurs when stress is applied to the stitching. Ball-point needles have a tendency to push knitted backings aside rather than cause cutting of the threads.

Five to six stitches per inch are recommended in order to reduce the chances of the needles cutting the thread. As more stitches are added, the strength of the vinyl is decreased and chances for seam failures are enhanced.

The placement of seams in the products is very important because, if placed in stress or support areas, it will increase the chances of the seam failures.

Backstitching and double stitching are not recommended on vinyl upholstery materials particularly in stress and/or support areas because it creates too many stitches per inch and cutting of the vinyl coating.

Monofilament and small diameter threads can potentially saw through the vinyl coating whenever stress is applied to the seams during use.