



Sunbrella® Embroidery Thread

Tips for Successful Embroidery

Sunbrella Embroidery Thread is a revolutionary embroidery product which brings the industry-leading color fastness and weather durability of Sunbrella fabrics to decorative stitching. Sunbrella Embroidery Thread opens up infinite possibilities for customizing outdoor and indoor products, offers carefree cleaning, and enables the creation of beautiful embroidery that lasts for the life of the product. Sunbrella Embroidery Thread can be used for decorative cushions, monogramming, boat tops, resort umbrellas, bags and accessories, awnings and tents, and many other applications.

Sunbrella Embroidery Thread has been thoroughly tested and is approved by expert embroiderers.

For best results, follow these guidelines:

- Sunbrella Embroidery Thread is designed to provide optimum coverage and sewability for a wide range of outdoor and indoor applications. It is produced from a spun yarn and is larger than typical continuous filament polyester or rayon embroidery threads. Therefore the luster and appearance is different from a typical continuous filament embroidery thread.
- Due to the size, ensure that an appropriate needle size is used. The recommended needle is 90/14.
- As is common practice, be certain that the hook settings are correct for the needle size. Excessive thread or bobbin thread breakage can be an indication of incorrect settings.
- The embroiderer must ensure that the embroidery design is properly digitized and configured for Sunbrella Embroidery Thread due to its larger size and appearance. The stitch length and density must be adjusted to minimize putting too many stitches in the same location which will cause distortion and excessive thread breakage. This also ensures that the coverage is maximized. A reference point would be a 30 percent reduction in number of stitches, however each pattern is different and the actual stitch count and digitization must be adjusted to the visual and performance requirements of the embroiderer.
- There can be design limitations when embroidering with Sunbrella Embroidery Thread. It is not advisable to use Sunbrella Embroidery Thread on small lettering or finely detailed patterns, where many stitches may be laid over each other.
- Being produced from a spun yarn, some linting or shedding is normal as fibers are released during the embroidery process. Make certain that the needle bars and /machine bobbin areas are cleaned frequently.
- To minimize interruptions when embroidering with Sunbrella Embroidery Thread, make sure equipment is in excellent running condition. Make sure that all thread contact points are free from rough edges or burrs, and new needles are used. A machine speed setting of 600 stitches per minute is recommended. Machine settings will be variable based on embroidery design, machine type and base fabric.
- Ensure that thread tension settings are appropriately adjusted to achieve the desired stitch appearance and thread performance. If thread breaks occurs due to excessive tension, the automatic tensioning feature may need to be turned off on certain types of machines.
- When embroidering with Sunbrella Embroidery Thread it is recommended that only Sunbrella bobbins be used. This ensures that the benefits achieved from the use of Sunbrella Embroidery Thread are not compromised by the bobbin thread selected.
- If water repellency is desired for the embroidery design, is recommended to use 303® Fabric Guard™ after the embroidery process is complete. Directions for the application of the water repellent product can be found on each container.