

Supplies

- o Madeira Frosted Matte Ceramic Thread
- o Embroidery Bobbin Thread
- o Cutaway Stabilizer such as Floriani Fusible Power Mesh
- o Embroidery Needle size 75/11
- o Outdoor Cushions or Outdoor Fabric for Cushions



Outdoor Living Embroidery Options

Outdoor living furniture options are many and can be enhanced with embroidery. Consider also grill covers, outdoor décor such as yard flags, furniture covers, boat and RV cushions and curtains. Clothing and accessories made for the outdoors are not limited to swimwear. Sport gear such as duffle bags, ball bags and equipment covers are all options for a team logo or even just a content label such as “practice gear”. If you are in a full time or part time embroidery business, stand out from the competition with a custom product that will last longer than an embroidery created with standard thread available with most commercial operations. Choose a polyester cutaway stabilizer

Light fastness is Important to Outdoor Projects

Fabric and thread exposed to light will eventually fade as the sun degrades the dye in the fabric and the actual fibers of the fabric. Outdoor fabrics are created with special fibers and coatings to resist fading. Many outdoor fabrics are also waterproof, stain resistant and resistant to abrasion. Marine or pool environments are especially damaging to fabrics by the action of salt and chlorine. Specialty fade resistant thread is available for embroidery in outdoor situations. Look for a light fastness rating available for fabric and thread. The Madeira Frosted Matt True Color thread used in the video has an excellent light fastness

rating of 6-8. See the chart below for the rating scale used to express light fastness. Use the search term [Outdoor Fabric Comparison Chart.pdf \(sailrite.com\)](http://www.sailrite.com/OutdoorFabricComparisonChart.pdf) for a useful chart on the characteristics of various outdoor fabric options.

Description	Measure scales		Direct exposure		Normal conditions of display
	Blue Wool rating	ASTM rating	Summer	Winter	
Very poor lightfastness	1	V			less than 2 years
Poor lightfastness	2	IV			2–15 years
	3		4–8 days	2–4 weeks	
Fair lightfastness	4	III	2–3 weeks	2–3 months	15–50 years
	5		3–5 weeks	4–5 months	
Very good lightfastness	6	II	6–8 weeks	5–6 months	50–100 years
Excellent lightfastness	7	I	3–4 months	7–9 months	over 100 years
	8		over 1.5 years		