
GORE™ Tenara® Thread

The Importance of Using Outdoor Thread

Upon starting an outdoor project, typically substantial consideration is given to the quality of fabric used whether it is for a boat in a marina or an outdoor awning for a restaurant. Often little consideration is given to what type of thread will be used. Unfortunately, the fabric is only as good as the thread that holds it together! Consideration for the quality of outdoor thread is just as important as the fabric for any outdoor application.

There are two major causes for outdoor thread deterioration: Ultraviolet radiation and water-borne bacteria and fungus. Sunlight and micro-organisms cause outdoor thread to weaken rapidly, lose color, and deteriorate. Unfortunately, these problems are here to stay! The solution is GORE™ TENARA® Outdoor Thread.

GORE™ TENARA® Outdoor Thread is unaffected by sunlight. Extensive tests performed in full Arizona desert sun show that GORE™ TENARA® Outdoor Thread retains its strength for over five years. In fact, TENARA thread will outlast the material it is sewn into! During the same experiment (same duration and conditions), both polyester and cotton thread lost over 80% of their strength. These types of thread will fade, discolor, and weaken over time.

GORE™ TENARA® Outdoor Thread is also unaffected by micro-organisms. TENARA® Outdoor Thread is hydrophobic, meaning it repels water. Without water, micro-organisms like mold and mildew will not grow in the thread. Both polyester and cotton threads attract and retain water to absorb color, but it also makes for a very attractive environment for mold, mildew, and algae. Over time, the natural progression of mold and mildew can cause outdoor thread to rot, discolor, and lose integrity.

To the boat owners and restaurant managers, protect your investment and add years to the life of boat covers, awnings, or other outdoor applications by using GORE™ TENARA® Outdoor Thread.



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