



Tenara[®]

SEWING THREAD

*For seams that last
a fabric's lifetime.*

For marine and outdoor products, GORE[®] TENARA[®] Sewing Thread is the versatile, high-performance choice:

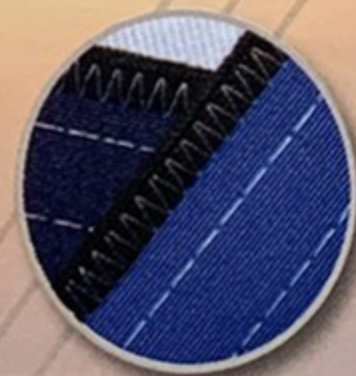
- Designed for high speed sewing
- Many color options available
- Will not fade, stain or discolor

It will not deteriorate from exposure to:

- UV radiation in sunlight
- Mold, mildew and acid rain
- Cleaning solutions, salt water and industrial pollutants

In fact, GORE[®] TENARA[®] Sewing Thread will outlast the fabric into which it is sewn.

Gore guarantees it!*

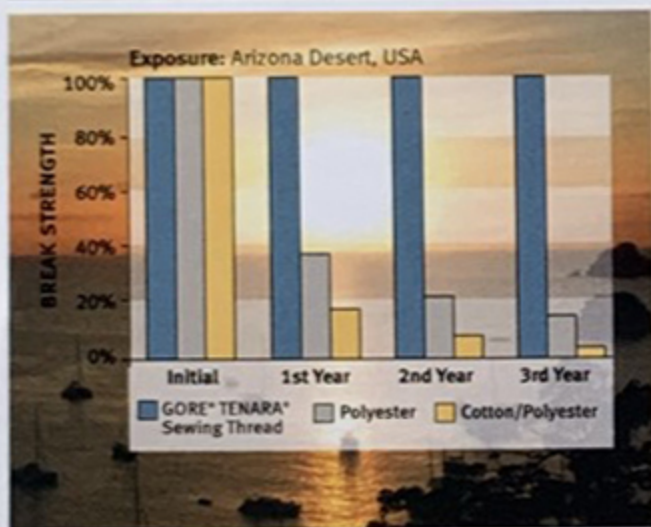




Tenara®

SEWING THREAD

Guaranteed to Last



Unaffected by Sunlight

GORE® TENARA® Sewing Thread maintains its strength even after regular exposure to UV sunlight. UV resistance is built into the thread, and is not a coating or additive that can wear off.

Weather-Proof

GORE® TENARA® Sewing Thread remains flexible and strong in extremes of hot and cold. It won't absorb water and it resists acid rain, salt water, pollution, snow and freezing.

Premium Quality Brand

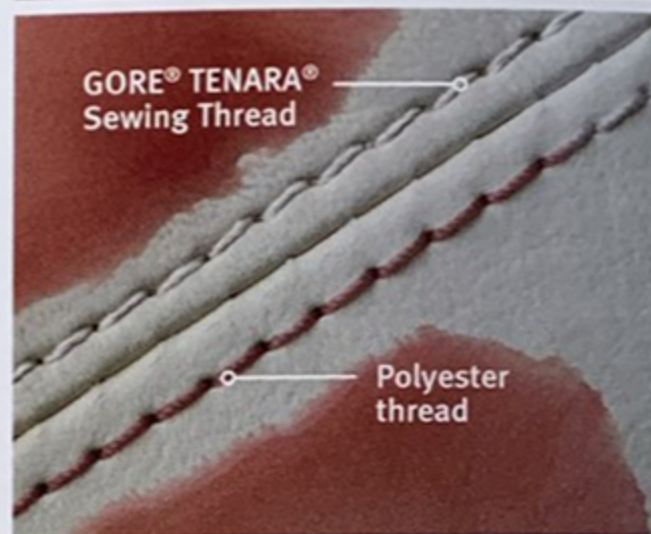


Enhance Your Reputation

Using GORE® TENARA® Sewing Thread tells your customers that they are buying a premium product built to last with durable seams and a brand that's backed by more than 25 years of experience from the company that invented it.

To help you promote the benefits of GORE® TENARA® Sewing Thread, Gore has industry-leading marketing support and materials.

Beauty That Endures



Easy to Clean

GORE® TENARA® Sewing Thread is unaffected by acids, alkaline solutions, bleach and cleaning chemicals and it will not stain.

Colors Will Not Fade

Made with non-fading pigments that are highly resistant to light, the colored thread retains its bold appearance over time. GORE® TENARA® Sewing Thread is pigmented—not dyed. Due to its exceptional material properties, TENARA® thread is extremely color-fast.**

Primary Applications

Outdoor

- Awnings
- Garden structures
- Outdoor upholstery
- Patio furniture
- Sun Protection and shade sails
- Swimming pool covers
- Umbrellas

Marine

- Bimini tops
- Boat covers
- Boat enclosures
- Dodgers
- Sail covers
- Sails
- Seat cushions
- Side curtains
- Upholstery

**According to DIN EN ISO 105-B06A:2004-07 tests conducted by Hohenstein Laboratories in 2012, all colors of GORE® TENARA® Sewing Thread received a lightfastness rating of 8, the highest possible.



For seams that last a fabric's lifetime. Guaranteed.*

Product Specifications

CLEAR for optimal fabric blending

Part Number	Linear Density	Approximate Polyester Equivalent	Nominal Break Strength	Nominal Elongation at Break (%)	Yield Per Spool	Recommended Needle Size	Typical Applications [†]
M1000LTR-L-5	1111 dtex 1000 denier	Nm 50/60 69 tex	3114 cN 7 lbs	17	2100 m 2300 yds	Nm 90-110 #14-16	Awning binding, pillows, light weight cushions, curtains, awning side curtains, valances
M1000KTR-L-5	1556 dtex 1400 denier	Nm 35/40 92 tex	4448 cN 10 lbs	17	1750 m 1900 yds	Nm 100-120 #18	Awnings, marine, upholstery
M1003HTR-L-5	2775 dtex 2500 denier	Nm 20/25 138 tex	8452 cN 19 lbs	10	1050 m 1150 yds	Nm 120-140 #19-22	Large awnings or structures, marine, heavy clear vinyls, zippers, areas where additional seam strength is desired

Colors shown for reference only. Actual samples may vary.



Vibrant Fade Resistant COLORS

Part Number	Linear Density	Approximate Polyester Equivalent	Nominal Break Strength	Nominal Elongation at Break (%)	Yield Per Spool	Recommended Needle Size	Typical Applications [†]
M1000TR-(XX)-5	1556 dtex 1400 denier	Nm 35/40 92 tex	3559 cN 8 lbs	17	1750 m 1900 yds	Nm 100-120 #18	Awnings, marine, upholstery, decorative top stitching, awning side curtains, valances
M1003HTR-(XX)-5	2775 dtex 2500 denier	Nm 20/25 138 tex	6228 cN 14 lbs	10	1050 m 1150 yds	Nm 120-140 #19-22	Large awnings or structures, marine, heavy clear vinyls, zippers, areas where additional seam strength is desired

To order, substitute color code for (XX). For example: M1000TR-BK-5 (1556 dtex/1400 denier Black).

Made in the USA by W. L. Gore & Associates, Inc.

[†]The fabricator is responsible for determining the correct thread size for the application.





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***Limited Lifetime Warranty**

GORE® TENARA® Sewing Thread will be delivered free from defects in material and workmanship and will not be damaged by exposure to sunlight, weather or water during the lifetime of the fabric with which it is used. This warranty does not apply to defects resulting from fires, cuts, abrasion or improper sewing.

W. L. Gore & Associates, Inc. will:

- Replace GORE® TENARA® Sewing Thread failing to meet this warranty; or refund the price of defective GORE® TENARA® Sewing Thread; and
- Pay for an authorized dealer for the reasonable and customary expense to re-stitch any article that was entirely stitched with GORE® TENARA® Sewing Thread.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES.

Except as specified above, Gore will not be liable for any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

**For more information and warranty assistance,
contact your authorized dealer or visit:**

www.gore.com/tenara

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gore.com/tenara

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All technical information and advice given here is based on our previous experience. We give this information to the best of our knowledge, but assume no legal responsibility. The operating data given here has been determined under technically ideal conditions. Any deviations will depend on the conditions of the individual application and whether our sewing and processing instructions have been observed. In order to achieve the best possible results we would ask you to contact our product specialists with the full details of your application. They will be only too pleased to help you. Specifications are subject to change without notice.

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