



# Tenara<sup>®</sup>

SEWING THREAD

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

**For marine and outdoor products, GORE<sup>®</sup> TENARA<sup>®</sup> Sewing Thread is the versatile, high-performance choice:**

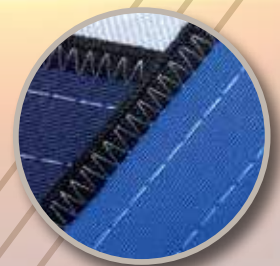
- Designed for high speed sewing
- Many colour options available
- Will not fade, stain or discolour

**It will not deteriorate from exposure to:**

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

**In fact, GORE<sup>®</sup> TENARA<sup>®</sup> Sewing Thread will outlast the fabric into which it is sewn.**

**Gore guarantees it!\***

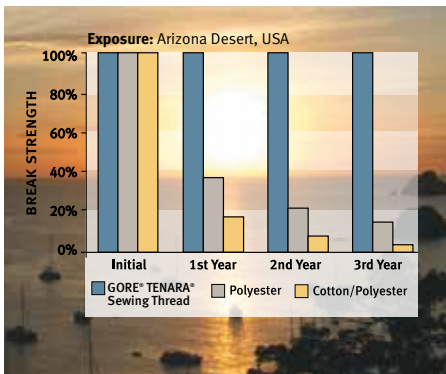




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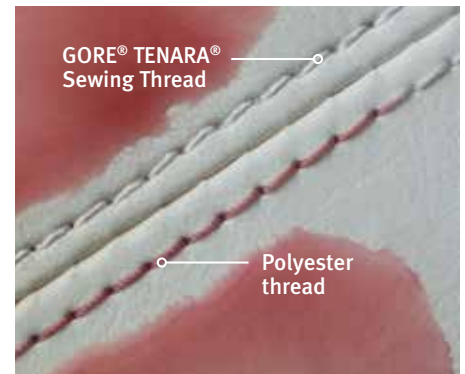
## Guaranteed to Last



## Premium Quality Brand



## Beauty That Endures



## 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.

## 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.

## Easy to Clean

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

## Colours Will Not Fade

Made with non-fading pigments that are highly resistant to light, the coloured 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 colour-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 colours of GORE® TENARA® Sewing Thread received a lightfastness rating of 8, the highest possible.




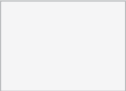





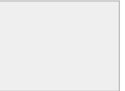

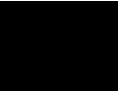
*For seams that last a fabric's lifetime. Guaranteed\*.*

## 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

Colours shown for reference only. Actual samples may vary.

									
CLEAR	WHITE (WH)	CHESAPEAKE BAY BLUE (CB)	YELLOW (YW)	RED (RD)	FOREST GREEN (FG)	GREY (GY)	LIGHT GREY (LG)	SANDSTONE (TN)	BLACK (BK)

### Vibrant Fade Resistant COLOURS

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 colour code for (XX). For example: M1000TR-BK-5 (1556 dtex/1400 denier Black). Certain colors and sizes may have extended lead times or minimum orders. Please contact your supplier.

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

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





**Tenara**<sup>®</sup>  
SEWING THREAD

## \*15 Year 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.

W. L. Gore & Associates GmbH makes this warranty for a period of 15 years after purchase to all owners of a product stitched with GORE® TENARA® Sewing Thread.

This warranty covers the use of GORE® TENARA® Sewing Thread in all applications for sun protection (e.g. awnings, shade sails) and marine applications (e.g. tarpaulins, boat awnings). This warranty does not cover defects resulting from improper sewing, abrasion, cuts, fires and the like.

W. L. Gore & Associates GmbH will replace sewing thread failing to meet this warranty or, should you prefer, will refund the price of the defective thread. In addition, Gore will pay the reasonable and customary expense of a repair by an authorized dealer, if the seam was entirely stitched with GORE® TENARA® Sewing Thread.

This warranty does not cover other costs that arise as an indirect result of the repair, such as transportation and installation costs.

This warranty does not in any way affect the purchaser's statutory rights.

**To make a claim under this warranty please contact an authorized dealer or W. L. Gore & Associates GmbH.**



REG. NR. 3567-01  
by W. L. Gore & Associates GmbH  
is certified according to  
DIN ISO 9001:2008



Europe/Middle East/Africa

**W. L. Gore & Associates GmbH** • Hermann-Oberth-Straße 26 • 85640 Putzbrunn • Germany  
Tel: +49 (0) 89 4612.2211 • Fax: +49 (0) 89 4612.2306 • email: fibers@wlgore.com

USA/Canada/Latin America/South America

**W. L. Gore & Associates, Inc.** • 100 Airport Road, PO Box 1010 • Elkton, MD 21921 • USA  
Toll-Free in US: 1.800.276.8451 • Tel: +1.410.506.8400  
Fax: +1.410.506.8445 • email: gorefibers@wlgore.com

Asia Pacific

**W. L. Gore & Associates (Australia) Pty, Ltd** • 13a Narabang Way • Belrose NSW 2085 • Australia  
Tel: +61 2.9473.6800 • Fax: +61 2.9450.1246

**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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