

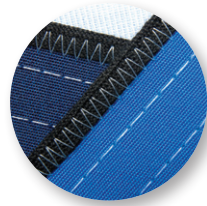


Tenara®

SEWING THREAD

For Seams That Last a Fabric's Lifetime.

Reliable Seams for Marine Applications



GORE® TENARA® Sewing Thread can improve the performance of marine and outdoor products where seam life and integrity are of the utmost importance. The unique ePTFE fiber construction of GORE® TENARA® thread extends the life of fabric seams and ultimately the products in which it is used.

Conventional seam threads can suffer from exposure to sunlight, salt water, wind and weather. After a few years they can become brittle and break. In contrast, GORE® TENARA® Sewing Thread does not deteriorate from exposure to the elements – not even with prolonged exposure to UV radiation in sunlight. It is guaranteed to outlast the fabric in which it is used.

GORE® TENARA® Sewing Thread will retain its durability and beauty even when exposed to harsh cleaning chemicals. It is permanently hydrophobic, and does not wick moisture.

Invulnerable to UV sunlight. GORE® TENARA® sewing thread maintains its strength even after regular exposure to UV sunlight and constant outdoor use.

Water- and weather-proof. GORE® TENARA® Sewing Thread remains flexible even in extremes of temperature or frost. It gives outdoor fabric products the kind of strength that withstands severe weather conditions – even after years of exposure.

Colours will not fade. We only use pigments which are highly resistant to light. Due to the manufacturing process and the exceptional properties of ePTFE, GORE® TENARA® sewing threads are extremely colour-fast.

Resistant to chemicals. GORE® TENARA® Sewing Thread is unaffected by acids, alkaline solutions, bleach and cleaning chemicals.

Key Features

15-Year Warranty*

- Outlasts polyester and cotton/polyester thread
- Lasts a fabric's lifetime

UV and Weather Resistant

- Unaffected by sunlight UV radiation
- Unaffected by weather including water or saltwater

Chemical Resistant

- Unaffected by acid rain and industrial pollutants
- Unaffected by chlorine bleach and cleaning solutions

Lasting Beauty

- Vibrant non-fading colours
- Easy to clean; can't be stained
- Resists mildew, rot and decay

Applications

- Bimini Tops
- Boat enclosures
- Dodgers
- Marine Canvas
- Sails
- Sail Covers
- Seat Cushions
- Side Curtains
- Upholstery



Tenara®

SEWING THREAD

15 Year Guarantee

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 guarantee 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 and sails). 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 authorised 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 authorised dealer or: W. L. Gore & Associates GmbH.



CLEAR for optimal fabric blending

Part Number	Linear Density	Approximate Polyester Equivalent	Nominal Break Strength	Nominal Elongation at Break (%)	Recommended Needle Size
M1000LTR-L	1111 dtex 1000 denier	Nm 50/60 69 Tex	3114 cN 7 lbs	17	Nm 90-110 #14-16
M1000KTR-L	1556 dtex 1400 denier	Nm 35/40 92 Tex	4448 cN 10 lbs	17	Nm 100-120 #18
M1003HTR-L	2775 dtex 2500 denier	Nm 20/25 138 Tex	8452 cN 19 lbs	10	Nm 120-140 #19-22



Vibrant Fade Resistant COLOURS

Part Number	Linear Density	Approximate Polyester Equivalent	Nominal Break Strength	Nominal Elongation at Break (%)	Recommended Needle Size
M1000TR-(XX)	1556 dtex 1400 denier	Nm 35/40 92 Tex	3559 cN 8 lbs	17	Nm 100-120 #18
M1003HTR-(XX)	2775 dtex 2500 denier	Nm 20/25 138 Tex	6228 cN 14 lbs	10	Nm 120-140 #19-22

All GORE® TENARA® Sewing Thread sizes and colours are available in the following spool sizes:

- LTR: 300 meters (328 yards), 2100 meters (2300 yards), 4500 meters (4921 yards)
- TR/KTR: 300 meters (328 yards), 1750 meters (1900 yards), 3200 meters (3500 yards)
- HTR: 300 meters (328 yards), 1050 meters (1150 yards), 1800 meters (1967 yards)

To order, substitute colour code for (XX) and specify spool size. Additional colours may be available. Please contact us.

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

FOR INDUSTRIAL USE ONLY.

Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging operations

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 4612.2300 • E-mail: tenara@wlgore.com

USA/Canada/Latin America/South America

W. L. Gore & Associates, Inc. • 100 Airport Road, PO Box 1010 • Elkton, MD 21921 • USA
Tel: +1.410.392.3200 • 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

