





Reliable Seams for Extended Lifetime

Enduring benefits

Unlike polyester and nylon threads, GORE® TENARA® sewing thread is inherently resistant to UV and chemicals, with the durability to withstand harsh weather. Since this resistance is a physical property of the thread material — not a coating or treatment — TENARA® thread can be exposed to the elements for years and still provide the same performance benefits that it did at installation.

Colours will not fade

The highly UV-resistant pigments used in TENARA® Sewing Thread retain colour even after prolonged outdoor exposure. That means that seams sewn with a TENARA® thread matched to the turf's hue will stay virtually invisible.

Install year-round

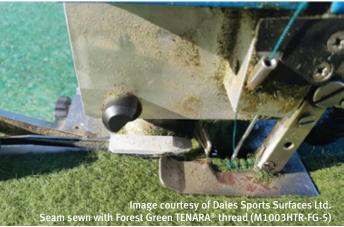
Artificial turf can be installed year-round using TENARA® thread, since there is no need to worry about temperature effects on expansion and contraction of the sewing thread.

Proven performance

TENARA® thread has been used in the artificial turf industry for over a decade, providing lasting benefits in hundreds of fields — in a wide range of temperature and climate conditions — around the world. It is especially valued in turf applications that do not require infill, such as bowling greens.

Better by design

GORE® TENARA® sewing thread is made of expanded polytetrafluoroethylene (ePTFE), a technical polymer invented by W. L. Gore & Associates in 1969. The mechanical properties of the ePTFE used in TENARA® thread have been tailored to perform best in high speed industrial sewing machines while also providing the strength and UV resistance needed in outdoor applications.





APPLICATION

• Artificial turf seam joining

CHALLENGES

- Continual UV exposure
- Exposure to harsh weather
- Need for frequent cleaning and maintenance
- Stress from sports equipment and cleats

BENEFITS OF TENARA® SEWING THREAD

- UV resistant
- Chemically resistant to cleaning solutions and dirt
- Maintains colour and strength after exposure to sunlight, cleaning solutions, and repeated wear
- Stain resistant
- Does not absorb water; resists mildew, rot and decay





Recommended GORE® TENARA® Sewing Thread for artificial turf

Part Number	Colour	Linear Density	Nominal Break Strength	Yield Per Spool	Recommended Needle Size
M1003HTR-L-5	Clear	2775 dtex 2500 denier	8452 cN 19 lbs	1050 m 1150 yds	Nm 120-140 #19-22
M1003HTR-BK-5	Black	2775 dtex 2500 denier	6228 cN 14 lbs	1050 m 1150 yds	Nm 120-140 #19-22
M1003HTR-FG-5	Forest Green	2775 dtex 2500 denier	6228 cN 14 lbs	1050 m 1150 yds	Nm 120-140 #19-22

Additional colours are 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

