

Thiolon MXP™

Monofilament fiber

Product Information

Thiolon MXP™ - monofilament according to the market leader.

Advancements in performance characteristics such as sliding friendliness, quality of play, and resistance to wear have always been at the forefront of grass fiber technology. In fact, many of the products available on the market today provide a more consistent and reliable playing surface than even most natural grass surfaces. Yet, there has always been one universal drawback to synthetic turf systems - the issue of fiber aesthetics or less than natural appearance.

Thiolon MXP now makes it possible to combine a natural look and an optimal performance level without compromising on overall fiber durability.

Natural Look

Thiolon MXP is TenCate's most recent development for high-pile, rubber/sand filled synthetic turf systems (the so-called third generation turf). With 8 individual monofilament ends or 'blades', Thiolon MXP more closely mimics the properties of natural grass than other conventional fibrillated fibers. Each 1 mm wide Polyethylene (PE) fiber features a triangular, blade-like profile designed to produce a consistent, lush appearance across the entire playing surface. And, with its inherent resistance to splitting, Thiolon MXP promises to retain this same natural look long after other fibers begin to breakdown.

Built on a Solid Basis

TenCate is the industry leader in synthetic grass fiber developments with the introduction of both the Lower Sliding Resistance™ (LSR) and Xtended Play™ (XP) fiber technologies. Thiolon MXP builds on this history of quality and innovation as the first Thiolon monofilament fiber designed specifically for high-performance sports turf applications.

Performance Tested

Thiolon MXP provides the same exceptional durability and split resistance as TenCate's other premium sports fibers. With its Xtended Play core technology, every Thiolon MXP monofilament remains intact and split-free after 8,000 cycles of testing on the LISPORT® or studded roll wear machine. This level of testing far surpasses the 5,000 cycle FIFA 2 star minimum, widely regarded as the industry standard for synthetic sports turf systems.

Benefits

- Instant natural look
- Excellent durability
- Open structure
- Very good resilience
- New fibrils are not created
- Optimal and even setting of individual fibers across the total system surface
- No matting or felting

Thiolon MXP Technical Specs

Basic polymer: Polyethylene (PE)

Manifestation: Monofilament

Overall denier: 10,000

Number of monofilaments: 8

Denier of each monofilament: 1,250

Thickness of each monofilament: 150 micron

Fiber width: 1 mm

Thiolon MXP is also available in a 6-ply configuration.

Protective & Outdoor Fabrics

Aerospace Composites

Armour Composites

Geosynthetics

Industrial Fabrics

Synthetic Grass

Thiolon MXP™
Monofilament fiber

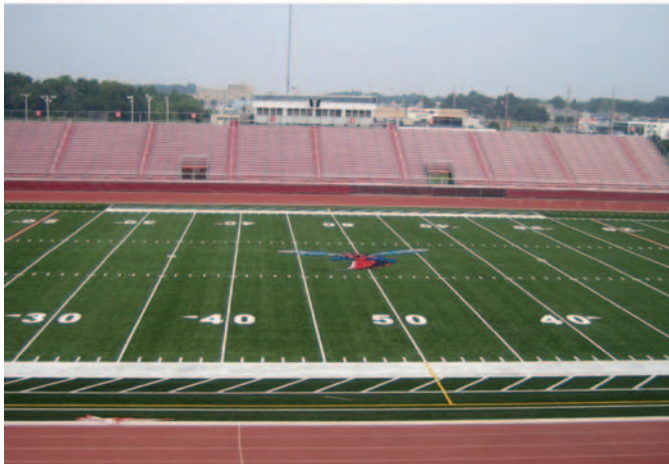
Product Information



Tatum High School
Tatum, TX



University of Oklahoma
Stillwater, OK



Delaware State University
Dover, DE



8-ply 10,000 Denier
Thiolon MXP



TenCate Grass North America
1131 Broadway Street
Dayton, TN 37421
www.thiolon-grass.com

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