

TenCate Tapeslide™ XP

High Use and Indoor Fields

Performance Information

The Most Durable Fibrillated Fiber Available. Period.

The use of 3rd generation synthetic turf systems in practice fields and indoor soccer facilities has become increasingly popular in recent years. Professional sports clubs, universities, and enterprising business owners alike have realized the benefits of maximum field availability, low maintenance, and match play surface conditions. But many organizations' budgets, and sometimes physical space, can not accommodate the installation of a full-size, regulation playing surface. As a result, most of these vital practice fields are scaled down to one-half or one-quarter of the original size - dramatically increasing the amount of foot traffic per square meter and the need for a synthetic grass fiber that does not break down like all other long-slit fibrillated products.

Engineered to Perform

TenCate Tapeslide™ XP has been specifically designed to withstand this intense use while retaining the softness and playing characteristics today's players desire. Developed with TenCate's exclusive Xtended Play fiber technology, TenCate Tapeslide™ XP is far more resistant to constant wear than any other fibrillated grass fiber available today.



Protective & Outdoor Fabrics
Aerospace Composites
Armour Composites

Geosynthetics
Industrial Fabrics
Grass

TENCATE
materials that make a difference

Benefits - TenCate Tapeslide™ XP

- Highly Durable
- Split Resistant
- More Natural Look
- Comfort & Safety



Performance Information

Or Equal? Not Exactly

The description or classification of a synthetic grass fiber does not necessarily indicate its level of quality or performance. Many competitive fibrillated grass fibers are marketed as “long slit” or “XP-like” in their appearance but fall far short of TenCate Tapeslide™ XP when compared on the basis of resistance to wear and splitting. The Lisport® or studded roll test method (developed by Labosport) provides a qualitative measurement of how a synthetic grass system will age over time given a constant amount of player foot traffic applied to its surface. When evaluated side-by-side using this method (in identical system constructions), none of the other commercially competitive “long slit” fibrillated fibers manage to perform even half as well as TenCate Tapeslide™ XP. Which begs the question - Is there really such a thing as “TenCate Tapeslide™ XP or equal”?

Process and Pattern

Two factors set TenCate Tapeslide™ XP apart as the most advanced fibrillated fiber available today: Process and Pattern. TenCate Tapeslide™ XP is manufactured through a proprietary slit-film extrusion process and features a more narrow fibrillation pattern than other 3rd generation

synthetic turf fibers. Generally designated as a “long slit” or “parallel” type fiber, TenCate Tapeslide™ XP’s unique properties result in a grass fiber with enhanced durability and increased comfort and safety.

Split Resistant

Ordinary synthetic grass fibers experience secondary fibrillation or splitting as a result of normal wear. Over time, this fiber splitting can lead to a rather unnatural and worn looking surface. TenCate Tapeslide™ XP, with its long-slit pattern and patented fiber technology, resists secondary fibrillation over three times better than competitive “long slit” fibrillated grass fibers (see table below). This unsurpassed level of performance gives TenCate Tapeslide™ XP a clear advantage over all other fibrillated fibers and makes it the ideal fiber choice for indoor practice facilities and 5-on-5 soccer installations as well as any synthetic turf field experiencing more than thirty hours of use per week.

Natural Look

TenCate Tapeslide™ XP achieves the look and coverage of natural grass through its distinctive fibrillation pattern. The pattern’s dense profile is engineered to split into 10 to 12 fibrils per fiber, resulting in a more open structure. Thiolon XP PRO offers the look of a monofilament with the processability of a fibrillated fiber.

# OF CYCLES	TENCATE TAPESLIDE™ XP		Bonar 2524		Nexcel NexGen	
	AVG. FIBER SIZE, mm	% ORIGINAL	AVG. FIBER SIZE, mm	% ORIGINAL	AVG. FIBER SIZE, mm	% ORIGINAL
0	1.213	100.0	1.160	100.0	1.542	100.0
2000	1.119	92.3	0.797	68.7	0.699	45.3
4000	1.119	92.3	0.645	55.6	0.444	28.8
6000	1.119	92.3	0.529	45.6	0.377	24.5
8000	1.119	92.3	0.476	41.0	0.324	21.0
10000	1.119	92.3	0.427	36.8	0.312	20.2

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