



One of the drafters of national gymnastic artificial turf-GB/T 20394-2019

One of the drafters of sports areas with synthetic surfaces for primary and middle schools(mandatory standard)-GB 36246-2018

One of the drafters of artificial turf football fields for primary and secondary schools-GB/T 43566-2023

FIFA LICENSEE

Tel: +86-311-8525 2303

Web: www.mightygrass.com

Manufacturing Base : Ningjin County, Hebei Province, China.

Sales Center: FL. 7th, Building 8, Ruicheng Plaza.Shijiazhuang 050033,Hebei, China





CATALOG

01

About Us

Industry-leading expertise, certified credentials, and what sets us apart.

03

History

Key milestones that define our journey and growth.

05

R&D

Innovation-driven R&D backed by dedicated service excellence.

09

Products

Reliable, high-performance solutions tailored to your needs.

21

Case Studies

Client-proven solutions with measurable outcomes.

ABOUT US



Founded in 2003, we were **China's first artificial grass fiber factory** and **FIFA-certified** synthetic turf manufacturer. We served as the official supplier for the **Beijing Olympic National Stadium – the Bird's Nest**. Driven by a long-term vision to better serve our international clients, MightyGrass expanded globally in 2024 with a strategic **investment in a new factory in Jeddah, Saudi Arabia**, providing world-class solutions for sports, landscape, and commercial applications.



2

Global Manufacturing base



50

Intelligent Production Lines



10million

Production Capacity (sqm)



European COBBLE
Tufting Machines



166+

Global Coverage



50+

Patents Certifications



100+

FIFA-Certified Projects



High-Quality Imported
Raw Materials



Advanced
production tech.



Top-tier
quality & reliability.



Full customization
for diverse markets.



Leading global
sports supplier.

COMPANY HISTORY

2003

Mighty Grass started to produce grass yarn.



Certified by FIFA LABOSPORT for DIN eco-compliance and fire resistance.

2014

2006

Yarn supply reached up to 5000 tons for the global market.



Introduced PU adhesive equipment and successfully expanded the North American market, with an annual production capacity of 15 million square feet.

2015

2008

Mighty artificial grass yarns take up 50% of the domestic market and are chosen by the national stadium, Bird's Nest. Mighty Grass has been designated as a supplier for the Beijing Olympics.



Fibers successfully approved FIFA Anti-UV 5000 hours.

2017

2009

Mighty successfully applied for four yarn design patents & added 3 sets of production facilities.



Successfully tested to GB36246-2018 standards and certified by FIFA-approved LABOSPORT.

2018

2013

Successfully approved Anti-UV of FIFA Labosport Test.



Established subsidiary in California, USA. Built production facility in Jeddah, Saudi Arabia.

2024

The company has a registered capital of \$60 million, covers an area of over 60,000 square meters, and employs more than 400 people, including 68 engineering and technical personnel. The company has strong production and technical capabilities, imported COBBLE tufting machine equipment, advanced grass yarn production equipment, fully automatic intelligent adhesive production lines, and top-quality imported raw materials from around the world.

2

Global factories:

60 million

Registered Capital:

60000+ sqm

Land Area:

400+

Total Employees:

68

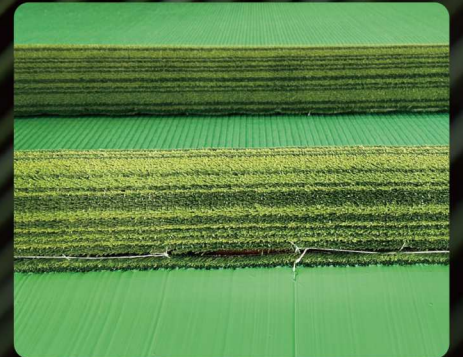
Technical Staff:

R&D

MTGRASS utilizes advanced British Cobble tufting machines, cutting-edge technology, and efficient management to produce an annual output of 1 billion square meters of artificial grass.



Imported automatic coating line, Environmental DOW SBR Latex, and Environmental PU coating.



“

At MTGRASS,
we are dedicated to precision manufacturing and continuous
innovation in grass fiber technology.
Our products are known for their superior quality, durability,
and excellent performance, making us a trusted supplier for
various sports applications across the globe.

”



Eco
Innovation



Anti-UV



Color
fastness

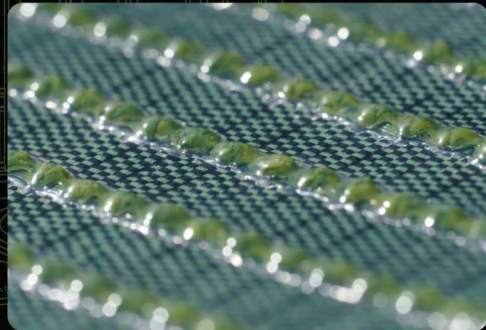


Abrasion
resistance



Bionics

MTGRASS® is committed to the professional R&D and production of artificial turf filaments and turf; our synthetic turf has won several technical patents, and in 2018, it was certified by FIFA Lab LABOSPORT Lab and passed FIFA quality field certification.



Technological Breakthrough

Recyclable artificial turf technology has achieved a major breakthrough and has been put into production.

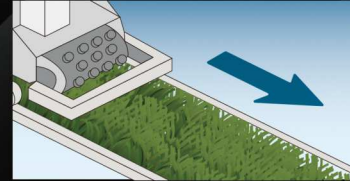


UV STABILITY

Sufficient Anti-UV additive

Stable quality in color fastness

Passed UVA ageing-5000H FIFA 2015/WORLD
RUGBY 2016/ FIH 2017



WEAR RESISTANCE

Extremely durable and wear-resistant

Passed Lisport XL 6020 cycles required
for FIFA certification

Good performance after 200,000 cycles

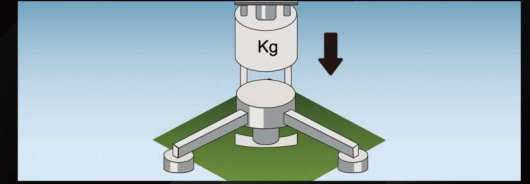


WITHDRAWAL FORCE

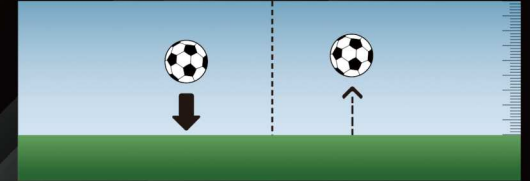
Strongly anchored into the backing

Superior Inner Tuft Lock

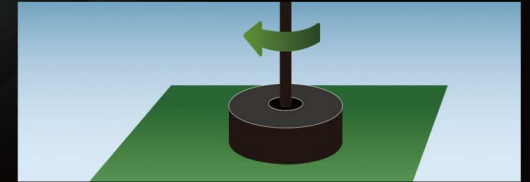
Passed Tuft withdrawal force test(FIFA Quality)



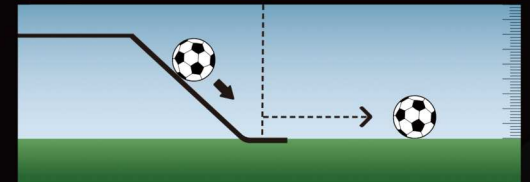
VERTICAL DEFORMATION



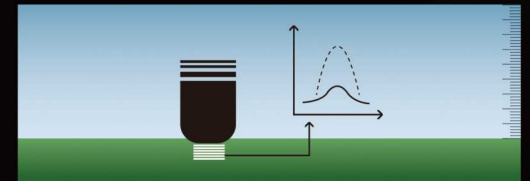
VERTICAL BALL REBOUND



ROTATIONAL RESISTANCE



BALL ROLL



SHOCK ABSORPTION



LANDSCAPE TURF

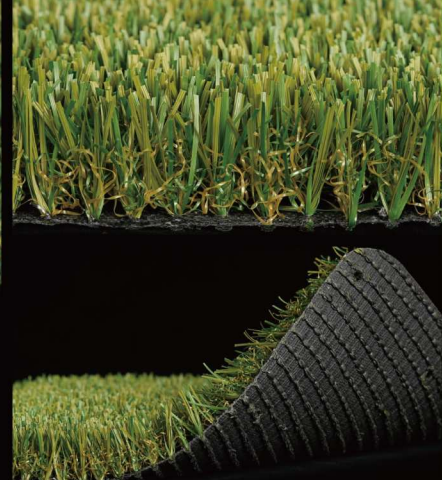


MT-Charming
U-shaped

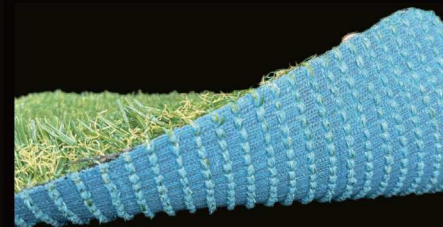


MT-Superior
S-shaped





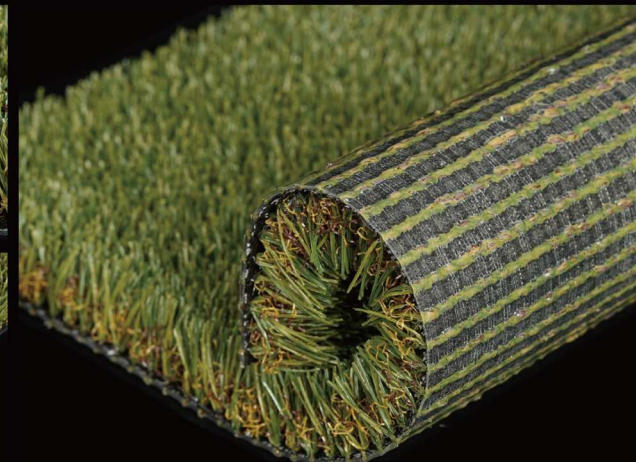
MT-Memo
Double W-shaped



MT-Hollow
Hollow-shaped



MT-HT Saturn
Double W + Wave + Olive-shaped



MT-ERET YORK
Y-shaped





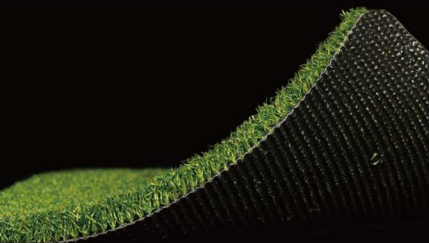
MT-HP Charming

U + Diamond-shaped



MT-Promising

Flat-shaped



MT-Putting



MT-Rainbow

U-shaped

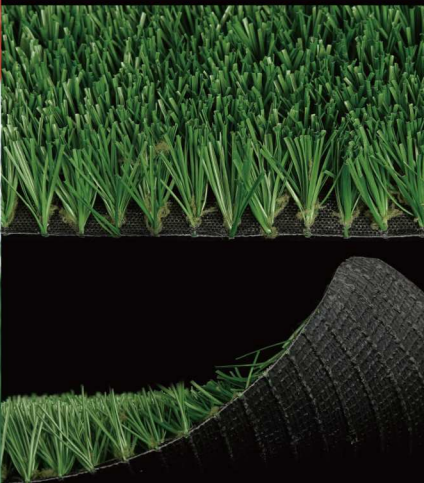




SPORTS TURF



FIFA-Diamond
Diamond-shaped

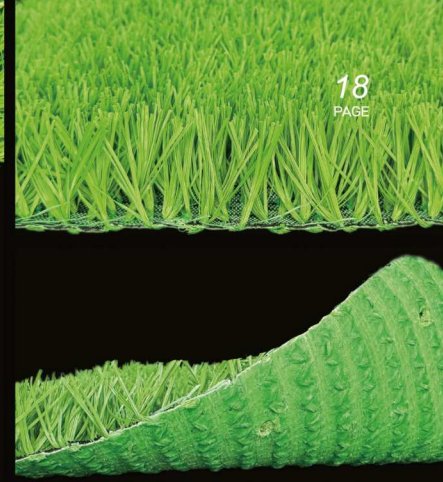


FIFA-Ubest
U-shaped with stems

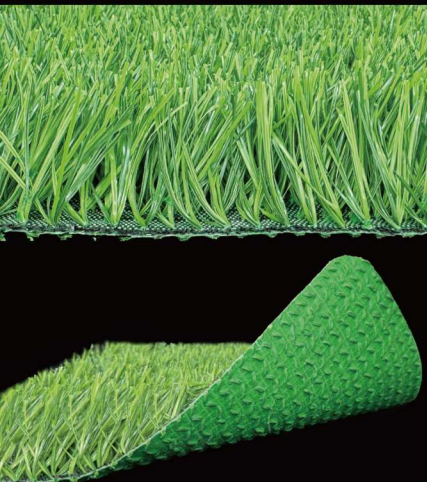




MT-Stem XL
Stem-shaped



MT-Wisdom
Double W-shaped



MT-Surf
S-shaped



MT-HT Arc
Arc-shaped





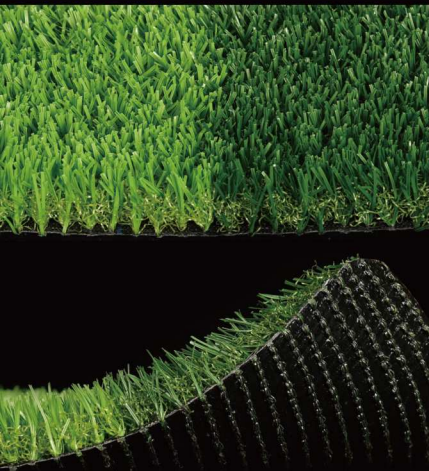
MT-HT Maxi

Arc with stems-shaped



MT-Non-infill-Maxi

Arc with stems-shaped



MT-Non-infill-Surf

S-shaped



BUT WAIT, THERE'S MORE! **WE ALSO OFFER CUSTOMIZED TURF SERVICES.**

- Add your logo to Custom Astro Turf
- permanent line markings
- Sideline branding
- Custom team logos to Artificial Grass
- End zone designs.
- Multiple pile heights
- Sport-specific infill systems
- Enhanced Astro Turf durability
- Professional-grade backing



OLYMPIC CASE

The Bird's Nest Stadium, a world-class venue, demanded top-tier products for its construction.

MTGRASS excelled in this significant project, demonstrating the outstanding quality of our products and reinforcing our leadership in the turf industry. This achievement inspires us to continue contributing to the sports industry with innovation and excellence.



FIFA CERTIFIED PICTHES





OUR SERVICE



CUSTOM ASTRO TURF FEATURES



EXCLUSIVE AGENT OPPORTUNITIES



FLEXIBLE FINANCIAL SOLUTIONS

