

Artificial Turf Market Forecasts to 2034 – Global Analysis By Material (Nylon, Polypropylene, Polyethylene, Hybrid (Polypropylene + Polyethylene), Acrylic, Polyester and Other Materials), Filament (Monofilament, Multi-Filament and Other Filaments), Infill Material (Rubber, Sand and Other Infill Materials), Application, End User and by Geography

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Abstracts

According to Statistics MRC, the Global Artificial Turf Market is accounted for \$106.1 billion in 2026 and is expected to reach \$203.8 billion by 2034 growing at a CAGR of 8.5% during the forecast period. Synthetic grass, commonly referred to as artificial turf, is a surface made of synthetic fibers that is intended to resemble and replicate the look and feel of real grass. In a variety of settings, such as sports fields, residential landscapes, and commercial spaces, it has grown in popularity as a flexible substitute for conventional grass lawns. Moreover, predictability in terms of weather resistance, low maintenance needs, and year-round lush, green appearance are just a few benefits of artificial turf.

According to the Synthetic Turf Council, artificial turf has witnessed a significant surge in popularity across various sectors due to its low maintenance requirements, resilience in diverse weather conditions, and water conservation benefits.

Market Dynamics:

Driver:

Growing need for sports facilities

The growing need for sports infrastructure is driving significant growth in the artificial turf market. Artificial turf surfaces are becoming more and more common on sports fields and stadiums due to their resilience to heavy use, playability, and durability. Additionally, by lowering the maintenance costs associated with natural grass and guaranteeing ideal playing conditions for a variety of sports, artificial turf offers a dependable and durable playing surface.

Restraint:**Exorbitant first installation costs**

The relatively high upfront costs of installation are a significant barrier to artificial turf adoption. Although artificial turf reduces maintenance costs and water usage over time, some potential users may find the initial investment prohibitive, especially in residential settings. Furthermore, as the market develops and technology advances, more attention is being paid to creating affordable solutions that will eventually lessen this restriction and make artificial turf more widely available to a larger range of customers.

Opportunity:**Developments in sustainable materials**

The market for artificial turf has a lot of potential because sustainable materials are always being developed. To produce artificial turf products with better environmental profiles—such as recyclable materials, biodegradable components, and smaller carbon footprints—research and development efforts are now in progress. Moreover, adopting cutting-edge and environmentally friendly materials not only solves environmental issues but also establishes artificial turf as a more sustainable option, making it appealing to businesses and consumers who care about the environment.

Threat:**Natural grass substitute's competition**

Artificial turf is still facing competition from natural grass, especially with improvements in turf grass varieties and upkeep techniques that increase the latter's playability and durability. The market for artificial turf is threatened by the perception that natural grass is always a more environmentally friendly choice and the growing demand for

sustainable and organic landscaping options. Furthermore, the artificial turf industry needs to keep improving its ecological footprint and highlighting its water-saving features in order to combat this threat.

Covid-19 Impact:

The artificial turf market has experienced significant disruptions due to the COVID-19 pandemic, resulting in manufacturing, supply chain disruptions, and installation projects. Particularly in the sports and landscaping industries, lockdowns, social distancing protocols, and economic unpredictability have caused planned installations to be postponed or cancelled. Moreover, a decrease in economic activity and financial constraints has caused some prospective clients to postpone investing in artificial turf projects. But as the recovery moves forward, the pandemic has also brought attention to the advantages of low-maintenance outdoor solutions, which might spur demand again.

The Polyethylene segment is expected to be the largest during the forecast period

Due to its superior qualities that enhance the performance and durability of synthetic grass, the polyethylene segment commands the largest share of the artificial turf market. Artificial turf closely mimics real grass thanks to the soft texture and resilience of polyethylene fibers, which are known for their natural appearance. Furthermore, the long lifespan of the artificial turf is guaranteed by this material's outstanding resistance to abrasion, UV rays, and inclement weather. Its versatility for use in residential lawns, sports fields, and commercial landscapes is another factor contributing to its popularity.

The Artificial Grass segment is expected to have the highest CAGR during the forecast period

With the highest projected CAGR, the artificial grass segment is expected to outperform other market segments. Artificial grass has become widely used in residential, commercial, and sporting applications due to growing awareness of environmental sustainability, water conservation, and the need for low-maintenance outdoor solutions. Moreover, technological developments that improve the durability, realism, and general performance of synthetic grass are driving the market's growth.

Region with largest share:

In terms of market share for artificial turf, North America holds the largest share. Artificial turf's widespread use in sports facilities, residential landscaping, and

commercial spaces has driven demand for the product in North America. The market for artificial turf has expanded due to the region's emphasis on outdoor aesthetics as well as consumers' desire for low-maintenance and water-saving landscaping options. Additionally, the widespread use of artificial grass in sports fields throughout the continent is also a result of the popularity of sports like baseball, American football, and soccer.

Region with highest CAGR:

In the artificial turf industry, the European region has likewise shown the highest CAGR. Artificial turf has been widely embraced in the area for use in sports, landscaping, and commercial applications, among other applications. The market for artificial turf has grown significantly as a result of Europe's emphasis on sustainable urban development and the desire for top-notch sports fields. Furthermore, the adoption of synthetic grass has been further propelled by the region's dedication to water conservation and the growing popularity of sports such as soccer.

Key players in the market

Some of the key players in Artificial Turf market include Tai Ping Carpets International Limited, Controlled Products LLC, Shaw Industries Group, Inc., The Dow Chemical Company, Mohawk Industries, Inc., Altus Sports & Leisure Pvt. Ltd, Hellas Construction, Inc., DuPont, Victoria PLC, Lowe's Companies, Inc and Dixie Group, Inc.

Key Developments:

In November 2023, DuPont de Nemours, Inc. announced that DuPont, The Chemours Company and Corteva, Inc. reached a settlement agreement with The State of Ohio designed to benefit Ohio's natural resources and the people of the State of Ohio. As part of the settlement, the Companies agreed to pay the State of Ohio a combined total of \$110 million, 80 percent of which the State has allocated to restoration of natural resources related to operation of the Washington Works facility.

In November 2023, Lowe's Companies, Inc. and the Charlotte Hornets announced an extension of their long-term partnership in which the Mooresville-based company remains a Founding Level Partner and the team's Official Home Improvement Retailer. Under the multi-year agreement, Lowe's and the Hornets will continue to prioritize community engagement, which has been a key component of the partnership, including the annual Hornets Legacy Project Powered by Lowe's that aims to improve

neighborhoods across Charlotte.

In June 2023, Dixie Group, Inc. announced it has entered into an agreement for the sale and leaseback of its distribution facility in Adairsville, Georgia. The Company anticipates the transaction will close in the third quarter of 2023. Upon closing the transaction, the Company expects to recognize a significant gain in net income. The proceeds from this financing transaction will be used to significantly reduce the Company's debt and increase availability of funds under its existing lines of credit.

Materials Covered:

Nylon

Polypropylene

Polyethylene

Acrylic

Polyester

Other Materials

Filaments Covered:

Monofilament

Multi-Filament

Other Filaments

Infill Materials Covered:

Rubber

Sand

Other Infill Materials

Applications Covered:

Residential

Commercial

Sport

Other Applications

End Users Covered:

Building & Construction

Automotive

Artificial Grass

Yoga & Exercise Mat

Upholstery

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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