

Nursery Grafting Tape Market Forecasts to 2030 – Global Analysis By Tape Type (Stretchable, Non-Stretchable, Bio-Degradable, Wound-Healing and Other Tape Types), Material, Functionality, Application and By Geography

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Abstracts

According to Statistics MRC, the Global Nursery Grafting Tape Market is growing at a CAGR of 4.5% during the forecast period. Nursery grafting tape is a specialized adhesive tape used in horticulture for grafting plants. Made from materials such as stretchable plastic or rubber, it holds grafted plant parts securely together to promote successful tissue union. This tape is designed to be flexible and durable, ensuring it doesn't constrict growth as the graft heals, it is often resistant to weather elements, making it ideal for outdoor use. Nursery grafting tape is an essential tool for growers, ensuring better grafting success rates and plant health.

Market Dynamics:

Driver:

Growing demand for high-quality fruits and vegetables

The growing demand for high-quality fruits and vegetables is driving the expansion of the market. As consumers increasingly seek premium produce, horticulturists and farmers are turning to advanced grafting techniques to enhance plant yields, improve disease resistance, and shorten growing cycles. Nursery grafting tape plays a crucial role in ensuring successful grafts, facilitating the cultivation of superior-quality crops, and meeting the rising consumer expectations for fresh, nutritious produce.

Restraint:

Price fluctuations of raw materials

Price fluctuations of raw materials have a negative impact on the market. Volatile costs for key components, such as plastics and synthetic rubbers, can lead to unpredictable pricing for grafting tape, making it difficult for manufacturers to maintain stable profit margins. These fluctuations may also result in higher prices for consumers, potentially limiting market growth, particularly for small-scale growers or hobbyists who are sensitive to cost increases.

Opportunity:

Rising awareness of plant propagation

Rising awareness of plant propagation is significantly contributing to the growth of the market. As more gardeners, horticulturists, and agricultural professionals recognize the benefits of grafting for improving plant variety, yield, and disease resistance, the demand for high-quality grafting materials increases. Nursery grafting tape is essential for successful grafting, offering effective and secure connections between plant parts. This growing awareness drives the adoption of grafting techniques and boosts the market for specialized tapes.

Threat:

Availability of alternative techniques

The availability of alternative techniques in the market can negatively impact its growth by offering cost-effective or more efficient options. As growers adopt newer technologies, the demand for traditional grafting tapes may decline, reducing market share for established suppliers. Additionally, these alternatives might provide better outcomes, further diminishing the appeal of grafting tapes and challenging their market dominance. This shift can lead to stagnation in innovation and sales within the industry.

Covid-19 Impact:

The COVID-19 pandemic disrupted the nursery grafting tape market by causing supply chain disruptions, delays in manufacturing, and shortages of raw materials. Lockdowns and labor shortages also led to reduced production capacity and limited distribution.

Additionally, decreased demand from the agricultural sector, as a result of financial strain and uncertainty, slowed market growth. These factors collectively hindered the growth and profitability of the nursery grafting tape industry during the pandemic.

The non-stretchable segment is expected to be the largest during the forecast period

The non-stretchable segment is expected to account for the largest market share during the forecast period. Non-stretchable tapes offer secure grafting, providing stability during the healing process without stretching or loosening. They are ideal for grafting delicate plant varieties, ensuring better success rates. These tapes are also eco-friendly, biodegradable, and promote sustainable practices. Innovations in materials and applications further drive the market's expansion globally.

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

Over the forecast period, the horticulture segment is predicted to witness the highest growth rate. Grafting in horticulture improves plant quality, and yields, with non-stretchable tapes offering stability and protection during healing. Their use in various horticultural activities, such as grafting fruit trees, ornamental plants, and shrubs, is growing. As sustainable practices gain importance, biodegradable tapes are increasingly preferred. The market is expanding due to the rise in home gardening and professional landscaping services globally.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share. Farmers and landscapers increasingly rely on grafting techniques for plant propagation, improving crop quality and variety. Non-stretchable, biodegradable, and eco-friendly tapes are gaining popularity due to their effectiveness and sustainability. Additionally, advancements in tape materials and increased awareness about grafting benefits contribute to the region's market expansion.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR. The development of more durable, biodegradable, or eco-friendly grafting tapes is driving market growth. Innovations in tape materials may improve grafting success rates and environmental sustainability. Additionally, with an emphasis on improving

plant health and growth rates in agricultural and commercial settings, grafting techniques that ensure better disease resistance, fruit quality, and production are becoming more popular.

Key players in the market

Some of the key players in Nursery Grafting Tape market include BASF SE, The Dow Chemical Company, 3M, Avery Dennison Corporation, Scotch Tape, Berry Global, Inc., Nitto Denko Corporation, Lindner Group, Kraton Polymers, Amcor, Pioneer® Brand Grafting Tapes, Intertape Polymer Group, Sika AG, Folex AG and Mitsubishi Chemical Corporation.

Key Developments:

In August 2023, Amcor announced it has entered into an agreement to acquire Phoenix Flexibles, expanding Amcor's capacity in the high-growth Indian market.

In March 2023, 3M announced collaboration with Guardhat, an industry-leading connected safety software company. Given the importance of connectivity as a key ingredient in safety programs, 3M is transferring its Safety Inspection Management (SIM) software to Guardhat.

Tape Types Covered:

Stretchable

Non-Stretchable

Bio-Degradable

Wound-Healing

Other Tape Types

Materials Covered:

Plastic

Cotton

Rubber

Natural Fibers

Silicone

Functionalities Covered:

Adhesion and Binding

Healing and Protection

Environmental Protection

Support and Stability

Moisture Retention

Applications Covered:

Horticulture

Agriculture

Landscaping

Home Gardeners

Agricultural Farmers

Research Institutions

Other Applications

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 2022, 2023, 2024, 2026, and 2030
- 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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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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