

## **Geotextile Tubes Market Report and Forecast 2025-2034**

Market Report | 2025-08-11 | 151 pages | EMR Inc.

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### **Report description:**

The global geotextile tubes market attained a value of about USD 4.94 Billion in 2024. The market is further expected to grow at a CAGR of 9.60% during the forecast period of 2025-2034 to reach nearly USD 12.35 Billion by 2034.

#### Rising Applicability of Geotextile Tubes in Wastewater Treatment to Augment the Market Growth

The global market for geotextile tubes is being driven by their rising applicability in wastewater treatment by various manufacturing industries. These tubes find robust utility in dewatering and desludging applications as it helps in preventing leakage of contaminants into the environment. The rising levels of environmental degradation caused as a result of toxins released from industrial waste is a major factor promoting the growth of the geotextile industry.

Furthermore, the governments of various developed and developing nations are undertaking stringent measures to install geotextile tubes in water treatment applications owing to rising levels of water contamination, which is negatively impacting marine life. In addition, owing to climate change, the rise in ocean levels is propelling the deployment of geotextile tubes in coastal areas. Moreover, the market is benefitting from the low manufacturing, installation, and maintenance costs of geotextile tubes. These factors are collectively contributing to the growth of the market.

#### Geotextile Tubes Market Segmentation

Geotextile tubes are referred to engineered structures that are tube-like sacks filled with sand and covered with gabions, a wire box filled with small rocks, and are generally constructed as a mitigation measure between the high and low tide areas.

#### Market Breakup by Material

- Woven Geotextile Tubes
- Non-Woven Geotextile Tubes

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## Market Breakup by End-User Industry

- Wastewater Treatment
- Agriculture
- Aquaculture
- Pulp and Paper Mills
- Construction
- Marine
- Others

## Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

The Asia Pacific Region is Expected to Represent a Significant Share in the Overall Growth of the Market

The construction sector in the Asia Pacific market is anticipated to hold a significant share in the overall market growth of geotextile tubes. This can be attributed to the augmented utilisation of geotextile tubes and mats in road construction activities in India. Geotextiles are utilised as a separator between the subsoil and aggregate layer of roads to safeguard the aggregate layers from immersing into the subsoil. The rapid urbanisation in the country is promoting huge investments in developmental activities, such as road construction and repair, thereby pushing the growth of the market.

The market growth in the region can further be associated with several governmental initiatives to bridge the gap between rural and urban settings sustainably. Added to this, the physical properties of geotextile tubes, such as its self-repairing qualities, durability, and cost-effectiveness, are additional factors developing the growth of the market in the region.

## Key Industry Players in the Global Geotextile Tubes Market

The report presents a detailed analysis of the following key players in the global geotextile tubes market, looking into their capacity, market share, and latest developments like capacity expansions, plant turnabouts and mergers and acquisitions:

- TechFab India Industries Ltd
- ACE Geosynthetics
- Aker Biomarine Antarctic As
- Koninklijke Ten Cate bv.
- Tensar International Limited
- Others

The comprehensive report looks at the micro and macro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of the Porter's Five Forces Model.

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