

# India Geosynthetics Market Size, Share & Trends Analysis Report By Product (Geotextile, Geomembrane, Geogrid, Geonet, Geocells), And Segment Forecasts, 2024 - 2030

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## Abstracts

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### India Geosynthetics Market Growth & Trends

The India geosynthetics market size is anticipated to reach USD 2.73 billion by 2030 and is expected to expand at a CAGR of 9.0% during the forecast period, according to a new report by Grand View Research, Inc. The demand for road construction has been a significant factor fostering market growth, and this trend is expected to continue over the forecast period as India expands its road network.

Tunnel construction is another area of application generating demand for geosynthetics in the nation. Geomembranes aid in tunnel construction as a lining system to prevent fluid leakage into the tunnel. In May 2023, the Ministry of Road Transport & Highway of India announced 144 tunnel projects are currently under construction and 357 km across national highways. The investment is valued at USD 24.5 billion and showcases a conducive environment for market growth.

The growing railway industry in the country is a notable factor contributing to market growth, as geosynthetics are used for track reinforcement and ensure long-term performance. As per Invest India, 5,243 km of track length was laid in 2022-23 compared to the 2,909 km achieved in the previous year. Moreover, in early 2024, a high-speed railway project was announced connecting Mumbai and Ahmedabad, spanning 508 km. Moreover, Pune, along with several other cities, is undergoing the

installation of metros.

## India Geosynthetics Market Report Highlights

Based on product, the geotextiles segment dominated the market in 2023, accounting for 71.8%, and is expected to grow at the fastest CAGR over the forecast period. Demand for geotextiles from the agriculture industry significantly influences market growth positively. Geotextiles offer value to companies in these industries in terms of soil reinforcement and protection of crops from extreme weather, pests, and erosion. In addition, the aquaculture industry utilizes geotextiles to improve the health of the marine ecosystem

In June 2023, Infra.Market (Hella Infra Market Private Limited) acquired Strata Geosystems (India), a company specializing in geosynthetic manufacturing and geotechnical engineering, for INR 910 crore (USD 110 million). This strategic move significantly bolsters Infra. Market's capacity to provide comprehensive solutions in geosynthetics and associated engineering services. It aligns perfectly with the company's goal of transforming the construction landscape across various product segments and service offerings

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