

# North America Geogrid Market by Type (Uniaxial and Biaxial) and Application (Road Industry, Rail Road Stabilization, Soil Reinforcement, and Others): North America Opportunity Analysis and Industry Forecast 2020–2027

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## Abstracts

The North America geogrid market size was valued at \$282.0 million in 2019, and is anticipated to generate \$408.3 million by 2027. The market is projected to experience growth at a CAGR of 7.0% from 2020 to 2027.

Geogrid is a geo-synthetic material formed by joining intersecting ribs and is used to stabilize terrain. It is mainly made up of polymers such as polypropylene, high-density polyethylene, and polyester. It is used as a base reinforcement to reinforce retaining walls and subsoils below roads or structures. Moreover, it is available in three types such as homogeneous-type geogrid, textile-like geogrid, and laser-made geogrid. The digging up of sub-grade from other area and then filling up the required area with that soil is a very time taking and expensive practice. Geogrids are used as a replacement material for this practice. Its remarkable property, such as minimal elongation with high tensile strength and tensile modulus makes it applicable to be used as a reinforcement material.

Increase in the infrastructure developmental activities in emerging countries has led to rise in demand for geogrids in the market. Geogrids exceptional properties such as light weight, easy handling, and high-temperature stability are the other key drivers of the market. Furthermore, reduction in maintenance cycles and cost with the utilization of geogrid is expected to propel the market growth during the forecast period. However, lack of skilled workforce in developing economies hinders the growth of the geogrid market. Moreover, increase in awareness and surge in number of R&D activities toward

geogrid are the factors projected to create opportunities for market players during the forecast period.

The North America geogrid market is segmented on the basis of type, application, and region. Based on type, the market is bifurcated into uniaxial and biaxial. Depending on application, North America geogrid market is divided into road industry, rail road stabilization, soil reinforcement, and others. Based on region, North America geogrid market analysis is done across the U.S., Canada, and Mexico.

Top players in the market are investing huge capital in R&D activities to develop enhanced products to cater to the current demands. Some of the major players in the geogrid market are Tensar Corporation, Carthage Mills, Properx Operating Company, Strata System, Maccaferri, Tdm Group, Tencate Geosynthetics, Synteen Technical Fabrics, Huesker US, and Layfield Group. Ltd.

#### IMPACT OF COVID-19 ON MARKET

Price fluctuation plays an important factor in the market growth. Since the pandemic, the prices of crude oil have soared. Moreover, the availability of raw materials due to disruption in supply demand chain has led to hike in prices of limited stock available in the market. Thus, COVID-19 has led to increase in prices for the geogrids

#### KEY BENEFITS FOR STAKEHOLDERS

The report provides an in-depth analysis of the Geogrid market forecast along with the current and future market trends

This report highlights the key drivers, opportunities, and restraints of the market along with the impact analyses during the forecast period

Porter's five forces analysis helps analyze the potential of the buyers & suppliers and the competitive scenario of the global Geogrid industry for strategy building

A comprehensive Geogrid market analysis covers factors that drive and restrain market growth

The qualitative data in this report aims on market dynamics, trends, and developments

## KEY MARKET SEGMENTS

### By Type

Uniaxial

Biaxial

### By Application

Road Industry

Railroad Stabilization

Soil Reinforcement

Others

### By Country

U.S.

Canada

Mexico

## KEY MARKET PLAYERS

Tensar Corporation

Carthage Mills

Properx Operating Company

Strata System

Maccaferri

Tdm Group

Tencate Geosynthetics

Synten Technical Fabrics

Huesker US

Layfield Group. Ltd.

## Contents

### CHAPTER 1:INTRODUCTION

- 1.1.Report description
- 1.2.Key benefits for stakeholders
- 1.3.Key market segments
- 1.4.Research methodology
  - 1.4.1.Primary research
  - 1.4.2.Secondary research
  - 1.4.3.Analyst tools and models

### CHAPTER 2:EXECUTIVE SUMMARY

- 2.1.Key findings of the study
- 2.2.CXO perspective

### CHAPTER 3:MARKET LANDSCAPE

- 3.1.Market definition and scope
- 3.2.Key findings
  - 3.2.1.Top investment pockets
  - 3.2.2.Porter's five forces analysis
- 3.3.Patent analysis
- 3.4.Market dynamics
  - 3.4.1.Drivers
    - 3.4.1.1.Increase in infrastructure activities
    - 3.4.1.2.Reduction in maintenance cycles and costs
    - 3.4.1.3.Superior properties associated with geogrid
  - 3.4.2.Restraint
    - 3.4.2.1.Lack of skilled workers
  - 3.4.3.Opportunity
    - 3.4.3.1.Increase in awareness and surge in number of R&D activities
- 3.5.Value chain analysis
- 3.6.Parent Peer Market
- 3.7.Impact of COVID-19 on the North America geogrid market
  - 3.7.1.Supply-Demand Imbalance
  - 3.7.2.Price Fluctuation
  - 3.7.3.Geopolitical Barriers

### 3.7.4.Affected Trade Affairs

## **CHAPTER 4:NORTH AMERICA GEOGRID MARKET, BY TYPE**

### 4.1.Overview

#### 4.1.1.Market size and forecast

### 4.2.Uniaxial

#### 4.2.1.Key market trends, growth factors, and opportunities

#### 4.2.2.Market share analysis, by country

### 4.3.Biaxial

#### 4.3.1.Key market trends, growth factors, and opportunities

#### 4.3.2.Market share analysis, by country

## **CHAPTER 5:NORTH AMERICA GEOGRID MARKET, BY APPLICATION**

### 5.1.Overview

#### 5.1.1.Market size and forecast

### 5.2.Road industry

#### 5.2.1.Key market trends, growth factors, and opportunities

#### 5.2.2.Market share analysis, by country

### 5.3.Rail road stabilization

#### 5.3.1.Key market trends, growth factors, and opportunities

#### 5.3.2.Market share analysis, by country

### 5.4.Soil Reinforcement

#### 5.4.1.Key market trends, growth factors, and opportunities

#### 5.4.2.Market share analysis, by country

### 5.5.Others

#### 5.5.1.Key market trends, growth factors, and opportunities

#### 5.5.2.Market share analysis, by country

## **CHAPTER 6:NORTH AMERICA GEOGRID MARKET, BY REGION**

### 6.1.Overview

### 6.2.North America

#### 6.2.1.Key market trends, growth factors, and opportunities

#### 6.2.2.Market size and forecast, by type

#### 6.2.3.Market size and forecast, by application

#### 6.2.4.Market size and forecast, by country

#### 6.2.5.U.S.

- 6.2.5.1. Market size and forecast, by type
- 6.2.5.2. Market size and forecast, by application
- 6.2.6. Canada
  - 6.2.6.1. Market size and forecast, by type
  - 6.2.6.2. Market size and forecast, by application
- 6.2.7. Mexico
  - 6.2.7.1. Market size and forecast, by type
  - 6.2.7.2. Market size and forecast, by application

## **CHAPTER 7: COMPETITIVE LANDSCAPE**

- 7.1. Introduction
  - 7.1.1. Market player positioning, 2019
- 7.2. Product mapping of top 10 player
- 7.3. Competitive heatmap
- 7.4. Key developments
  - 7.4.1. New product launches
  - 7.4.2. Business expansion

## **CHAPTER 8: COMPANY PROFILES**

- 8.1. SYNTEEN TECHNICAL FABRICS
  - 8.1.1. Company overview
  - 8.1.2. Company snapshot
  - 8.1.3. Product portfolio
- 8.2. CARTHAGE MILLS
  - 8.2.1. Company overview
  - 8.2.2. Company snapshot
  - 8.2.3. Product portfolio
- 8.3. MACCAFERRI INC.
  - 8.3.1. Company overview
  - 8.3.2. Company snapshot
  - 8.3.3. Product portfolio
  - 8.3.1. Business performance
- 8.4. HUESKER US
  - 8.4.1. Company overview
  - 8.4.2. Company snapshot
  - 8.4.3. Product portfolio
- 8.5. PROPEX OPERATING COMPANY, LLC

- 8.5.1. Company overview
- 8.5.2. Company snapshot
- 8.5.3. Product portfolio
- 8.6. STRATA SYSTEMS, INC.
  - 8.6.1. Company overview
  - 8.6.2. Company snapshot
  - 8.6.3. Product portfolio
- 8.7. TDM GROUP
  - 8.7.1. Company overview
  - 8.7.2. Company snapshot
  - 8.7.3. Product portfolio
- 8.8. TENCATE GEOSYNTHETICS AMERICAS
  - 8.8.1. Company overview
  - 8.8.2. Company snapshot
  - 8.8.3. Operating business segments
  - 8.8.4. Product portfolio
  - 8.8.5. Business performance
- 8.9. TENSAR CORPORATION
  - 8.9.1. Company overview
  - 8.9.2. Company snapshot
  - 8.9.3. Product portfolio
  - 8.9.4. Key strategic moves and developments
- 8.10. LAYFIELD GROUP. LTD.
  - 8.10.1. Company overview
  - 8.10.2. Company snapshot
  - 8.10.3. Product portfolio



## List Of Tables

### LIST OF TABLES

TABLE 01.NORTH AMERICA GEOGRID MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 02.NORTH AMERICA GEOGRID MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 03.NORTH AMERICA GEOGRID MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 04.NORTH AMERICA GEOGRID MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 05.NORTH AMERICA NORTH AMERICA GEOGRID MARKET, BY COUNTRY 2019–2027 (\$MILLION)

TABLE 06.U.S. GEOGRID MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 07.U.S. GEOGRID MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 08.CANADA GEOGRID MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 09.CANADA GEOGRID MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 10.MEXICO GEOGRID MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 11.MEXICO GEOGRID MARKET, BY APPLICATION, 2019–2027 (\$MILLION)

TABLE 12.KEY NEW PRODUCT LAUNCHES (2016-2018)

TABLE 13.KEY BUSINESS EXPANSION (2016-2018)

TABLE 14.BROCK WHITE: COMPANY SNAPSHOT

TABLE 15.BROCK WHITE: PRODUCT PORTFOLIO

TABLE 16.CARTHAGE MILLS: COMPANY SNAPSHOT

TABLE 17.CARTHAGE MILLS: PRODUCT PORTFOLIO

TABLE 18.MACCAFERRI: COMPANY SNAPSHOT

TABLE 19.MACCAFERRI: PRODUCT PORTFOLIO

TABLE 20.OVERALL FINANCIAL STATUS (\$MILLION)

TABLE 21.NILEX: COMPANY SNAPSHOT

TABLE 22.NILEX: PRODUCT PORTFOLIO

TABLE 23.PROPEX: COMPANY SNAPSHOT

TABLE 24.PROPEX: PRODUCT PORTFOLIO

TABLE 25.STRATA SYSTEMS, INC.: COMPANY SNAPSHOT

TABLE 26.STRATA SYSTEMS, INC.: PRODUCT PORTFOLIO

TABLE 27.TDM GROUP: COMPANY SNAPSHOT

TABLE 28.TDM GROUP: PRODUCT PORTFOLIO

TABLE 29.TENCATE: COMPANY SNAPSHOT

TABLE 30.SANY: OPERATING SEGMENTS

TABLE 31.TENCATE: PRODUCT PORTFOLIO

TABLE 32.OVERALL FINANCIAL STATUS (\$MILLION)

TABLE 33.TENSAR: COMPANY SNAPSHOT

TABLE 34.TENSAR: PRODUCT PORTFOLIO

TABLE 35.TENSAR: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 36.LAYFIELD GROUP. LTD.: COMPANY SNAPSHOT

TABLE 37.LAYFIELD GROUP. LTD.: PRODUCT PORTFOLIO

## List Of Figures

### LIST OF FIGURES

FIGURE 01.KEY MARKET SEGMENTS

FIGURE 02.EXECUTIVE SUMMARY, BY SEGMENT

FIGURE 03.EXECUTIVE SUMMARY, BY COUNTRY

FIGURE 04.TOP INVESTMENT POCKETS

FIGURE 05.MODERATE BARGAINING POWER OF SUPPLIERS

FIGURE 06.HIGH THREAT OF NEW ENTRANTS

FIGURE 07.MODERATE THREAT OF SUBSTITUTES

FIGURE 08.MODERATE INTENSITY OF RIVALRY

FIGURE 09.HIGH BARGAINING POWER OF BUYERS

FIGURE 10.PATENT ANALYSIS FOR UNIAXIAL GEOGRID

FIGURE 11.PATENT ANALYSIS FOR BIAXIAL GEOGRID

FIGURE 13.GEOGRID MARKET DYNAMICS

FIGURE 14.GEOGRID MARKET DYNAMICS

FIGURE 15.PARENT PEER MARKET

FIGURE 16.NORTH AMERICA GEOGRID MARKET REVENUE, BY TYPE,  
2019–2027(\$MILLION)

FIGURE 17.COMPARATIVE ANALYSIS OF NORTH AMERICA GEOGRID MARKET  
FOR BIAXIAL, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 18.COMPARATIVE ANALYSIS OF NORTH AMERICA GEOGRID MARKET  
FOR UNIAXIAL, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 19.NORTH AMERICA GEOGRID MARKET REVENUE, BY APPLICATION,  
2019–2027 (\$MILLION)

FIGURE 20.COMPARATIVE ANALYSIS OF NORTH AMERICA GEOGRID MARKET  
FOR ROAD INDUSTRY, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 21.COMPARATIVE ANALYSIS OF NORTH AMERICA GEOGRID MARKET  
FOR RAIL ROAD STABILIZATION, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 22.COMPARATIVE ANALYSIS OF NORTH AMERICA GEOGRID MARKET  
FOR SOIL REINFORCEMENT, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 23.COMPARATIVE ANALYSIS OF NORTH AMERICA GEOGRID MARKET  
FOR OTHERS, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 24.U.S. REVENUE FOR GEOGRID MARKET 2019–2027, (\$MILLION)

FIGURE 25.CANADA REVENUE FOR GEOGRID MARKET 2019–2027, (\$MILLION)

FIGURE 26.MEXICO REVENUE FOR GEOGRID MARKET 2019–2027, (\$MILLION)

FIGURE 27.MARKET PLAYER POSITIONING, 2019

FIGURE 28.PRODUCT MAPPING OF TOP 10 PLAYERS

FIGURE 29.COMPETITIVE HEATMAP OF KEY PLAYERS

FIGURE 30.MACCAFERRI GROUP: REVENUE, 2016–2018 (\$MILLION)

FIGURE 31.TENCATE: REVENUE, 2016–2018 (\$MILLION)

FIGURE 32.TENCATE: REVENUE SHARE BY SEGMENT, 2018 (%)

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