

Geomembranes Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global geomembranes market size reached US\$ 3.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 5.2 Billion by 2028, exhibiting a growth rate (CAGR) of 7.6% during 2023-2028.

Geomembranes are large-sized impermeable liners that act as protective barriers against fluids, gases and other soluble materials during geotechnical engineering operations. They are majorly manufactured using polyvinyl chloride (PVC), high/low-density polyethylene (H/LDPE) or with the infusion of geotextiles with asphalt, multi-layered bitumen geo-composites and elastomers. They have high shear and tensile strength and are resistant to high temperatures, ultraviolet (UV) rays, punctures and abrasions, and are commonly used for wastewater storage and waterproofing in artificial ponds, lakes and pools. Owing to these benefits, geomembranes find extensive applications across various industries, including energy, oil and gas, agriculture, civil and construction.

The growing mining and construction industries, along with the growing requirement for waste management systems across the globe, are the key factors driving the growth of the market. Geomembrane liners are extensively used for preventing water from seeping into landfills, thus further preventing the process of biodegradation and decomposition of the waste. Furthermore, significant infrastructural development across the globe, especially in emerging nations, is also providing a boost to the market growth. For instance, these membranes are utilized during the construction of roads, highways and bridges as they bind the soil together under asphalt layovers and

increase the overall lifespan of the road. Additionally, the development of innovative product variants designed specifically to restrict the flow of naturally occurring gases and various volatile organic compounds is also favoring the market growth. Other factors, including the increasing product adoption by the mining industry, implementation of favorable government policies promoting environmental conservation and enhanced focus on research and development (R&D) activities, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global geomembranes market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on raw material, manufacturing process and application.

Breakup by Raw Material:

- High-Density Polyethylene (HDPE)
- Low-Density Polyethylene (LDPE)
- Polyvinyl Chloride (PVC)
- Polypropylene (PP)
- Others

Breakup by Manufacturing Process:

- Blown Film
- Calendering
- Others

Breakup by Application:

- Mining
- Waste Management
- Water Management
- Others

Breakup by Region:

- North America
- United States

Canada
Asia Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Agru America, Anhui Huifeng New Synthetic Material Co., Atarfil SL, Carlisle Syntec Inc., Carthage Mills, CETCO, Colorado Lining International Inc., Firestone Building Products Company, Geofabrics, GSE Environmental Inc., Officine Maccaferri Spa, Naue GmbH, Nilex Inc., Plastika Kritis S.A., Solmax International, etc.

Key Questions Answered in This Report:

How has the global geomembranes market performed so far and how will it perform in the coming years?

What are the key regional markets in the global geomembranes industry?

What has been the impact of COVID-19 on the global geomembranes industry?

What is the breakup of the market based on the raw material?

What is the breakup of the market based on the manufacturing process?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global geomembranes market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

2.1 Objectives of the Study

2.2 Stakeholders

2.3 Data Sources

2.3.1 Primary Sources

2.3.2 Secondary Sources

2.4 Market Estimation

2.4.1 Bottom-Up Approach

2.4.2 Top-Down Approach

2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

4.1 Overview

4.2 Key Industry Trends

5 GLOBAL GEOMEMBRANES MARKET

5.1 Market Overview

5.2 Market Performance

5.3 Impact of COVID-19

5.4 Market Forecast

6 MARKET BREAKUP BY RAW MATERIAL

6.1 High-Density Polyethylene (HDPE)

6.1.1 Market Trends

6.1.2 Market Forecast

6.2 Low-Density Polyethylene (LDPE)

6.2.1 Market Trends

6.2.2 Market Forecast

6.3 Polyvinyl Chloride (PVC)

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Polypropylene (PP)
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Others
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast

7 MARKET BREAKUP BY MANUFACTURING PROCESS

- 7.1 Blown Film
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Calendering
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Others
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Mining
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Waste Management
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Water Management
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Others
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America

- 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy

- 9.3.4.1 Market Trends
- 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview

- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE INDICATORS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Agru America
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 Anhui Huifeng New Synthetic Material Co.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Atarfil SL
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.4 Carlisle Syntec Inc.
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.5 Carthage Mills
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 CETCO
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.7 Colorado Lining International Inc.
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.8 Firestone Building Products Company
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.9 Geofabrics

- 14.3.9.1 Company Overview
- 14.3.9.2 Product Portfolio
- 14.3.10GSE Environmental Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11Officine Maccaferri Spa
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12Naue GmbH
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
- 14.3.13Nilex Inc.
 - 14.3.13.1 Company Overview
 - 14.3.13.2 Product Portfolio
- 14.3.14Plastika Kritis S.A.
 - 14.3.14.1 Company Overview
 - 14.3.14.2 Product Portfolio
- 14.3.15Solmax International
 - 14.3.15.1 Company Overview
 - 14.3.15.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Geomembranes Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Geomembranes Market Forecast: Breakup by Raw Material (in Million US\$), 2023-2028

Table 3: Global: Geomembranes Market Forecast: Breakup by Manufacturing Process (in Million US\$), 2023-2028

Table 4: Global: Geomembranes Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Geomembranes Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Geomembranes Market: Competitive Structure

Table 7: Global: Geomembranes Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Geomembranes Market: Major Drivers and Challenges

Figure 2: Global: Geomembranes Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Geomembranes Market: Breakup by Raw Material (in %), 2022

Figure 4: Global: Geomembranes Market: Breakup by Manufacturing Process (in %), 2022

Figure 5: Global: Geomembranes Market: Breakup by Application (in %), 2022

Figure 6: Global: Geomembranes Market: Breakup by Region (in %), 2022

Figure 7: Global: Geomembranes Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 8: Global: Geomembranes (High-Density Polyethylene) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Geomembranes (High-Density Polyethylene) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Geomembranes (Low-Density Polyethylene) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Geomembranes (Low-Density Polyethylene) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Geomembranes (Polyvinyl Chloride) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Geomembranes (Polyvinyl Chloride) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Geomembranes (Polypropylene) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Geomembranes (Polypropylene) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Geomembranes (Others) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Geomembranes (Others) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Geomembranes (Blown Film) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Geomembranes (Blown Film) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Geomembranes (Calendering) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Geomembranes (Calendering) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Geomembranes (Others) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Geomembranes (Others) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Geomembranes (Mining) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Geomembranes (Mining) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Geomembranes (Waste Management) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Geomembranes (Waste Management) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Geomembranes (Water Management) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Geomembranes (Water Management) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Geomembranes (Others) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Geomembranes (Others) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: North America: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: North America: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: United States: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: United States: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Canada: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Canada: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Asia Pacific: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Asia Pacific: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: China: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: China: Geomembranes Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 42: Japan: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Japan: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 44: India: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: India: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 46: South Korea: Geomembranes Market: Sales Value (in Million US\$), 2017 &
2022

Figure 47: South Korea: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 48: Australia: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Australia: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 50: Indonesia: Geomembranes Market: Sales Value (in Million US\$), 2017 &
2022

Figure 51: Indonesia: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 52: Others: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Others: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 54: Europe: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Europe: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 56: Germany: Geomembranes Market: Sales Value (in Million US\$), 2017 &
2022

Figure 57: Germany: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 58: France: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: France: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 60: United Kingdom: Geomembranes Market: Sales Value (in Million US\$), 2017
& 2022

Figure 61: United Kingdom: Geomembranes Market Forecast: Sales Value (in Million
US\$), 2023-2028

Figure 62: Italy: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Italy: Geomembranes Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 64: Spain: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Spain: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Russia: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Russia: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Others: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Others: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Latin America: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Latin America: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Brazil: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Brazil: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Mexico: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Mexico: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Others: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Others: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Middle East and Africa: Geomembranes Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Middle East and Africa: Geomembranes Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Global: Geomembranes Industry: SWOT Analysis

Figure 81: Global: Geomembranes Industry: Value Chain Analysis

Figure 82: Global: Geomembranes Industry: Porter's Five Forces Analysis

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