

[CLICK TO VIEW](#)

[Table of Contents 2](#)

[List of Tables & Charts 3](#)

[Study Overview 5](#)

[Sample Text, Table  
& Chart 6](#)

[Sample Profile, Table &  
Forecast 7](#)

[Order Form & Corporate  
Use License 8](#)

[About Freedonia,  
Custom Research,  
Related Studies, 9](#)

# World Geosynthetics

---

Industry Study with Forecasts for **2015 & 2020**

---

Study #2825 | December 2011 | \$5900 | 428 pages

---

[www.freedoniagroup.com](http://www.freedoniagroup.com)



**The Freedonia Group**

767 Beta Drive

Cleveland, OH • 44143-2326 • USA

Toll Free US Tel: 800.927.5900 or +1 440.684.9600

Fax: +1 440.646.0484

E-mail: [info@freedoniagroup.com](mailto:info@freedoniagroup.com)

## Table of Contents

### EXECUTIVE SUMMARY

### MARKET ENVIRONMENT

General .....	4
World Economic Overview .....	5
Recent Historical Trends .....	5
World Economic Outlook .....	7
World Fixed Investment .....	11
World Demographic Outlook .....	12
World Construction Activity .....	14
Nonbuilding Construction .....	16
Nonresidential Building Construction .....	18
Residential Building Construction .....	20
World Paved Roadway Outlook .....	22
World Agricultural Outlook .....	24
Pricing .....	26
Environmental & Regulatory Issues .....	27

### OVERVIEW

General .....	32
Demand by Region .....	32
Demand by Type .....	36
Geotextiles .....	39
Geomembranes .....	44
Geogrids .....	48
Geonets .....	52
Other Geosynthetics .....	55
Geosynthetic Clay Liners .....	57
Preformed Geocomposites .....	59
Geocells .....	60
Geofoams .....	61
All Other Geosynthetics .....	62
Markets .....	63
Construction .....	65
Transportation Infrastructure .....	70
Landfills .....	75
Liquid Containment .....	80
Other Markets .....	84
Production & Trade .....	87

### NORTH AMERICA

General .....	89
Demand by Type & Market .....	91

United States .....	94
Canada .....	104
Mexico .....	112

### WESTERN EUROPE

General .....	120
Demand by Type & Market .....	122
France .....	125
Germany .....	132
Italy .....	139
Netherlands .....	146
Spain .....	152
United Kingdom .....	159
Other Western Europe .....	167

### ASIA/PACIFIC

General .....	175
Demand by Type & Market .....	177
Australia .....	180
China .....	187
India .....	198
Japan .....	208
South Korea .....	215
Taiwan .....	223
Other Asia/Pacific .....	230

### OTHER REGIONS

Central & South America .....	239
Demand by Type & Market .....	241
Brazil .....	243
Other Central & South America .....	250
Eastern Europe .....	257
Demand by Type & Market .....	258
Poland .....	261
Russia .....	267
Other Eastern Europe .....	275
Africa/Mideast .....	283
Demand by Type & Market .....	285
Turkey .....	287
Other Africa/Mideast .....	294

### INDUSTRY STRUCTURE

General .....	302
Industry Composition .....	303

Market Share .....	306
Competitive Strategies .....	311
Research & Development .....	315
Distribution .....	316
Mergers & Acquisitions .....	317
Cooperative Agreements .....	320

### COMPANY PROFILES

ADS Incorporated .....	325
AMCOL International .....	327
Asahi Kasei .....	330
Ashimori Industry .....	332
Beaulieu International .....	333
CONTECH Construction Products .....	334
Cooley Group .....	337
Dow Chemical .....	339
Fibertex Nonwovens .....	341
Fiberweb plc .....	343
Freudenberg & Company .....	347
Garware-Wall Ropes .....	349
GSE Holding .....	351
HUESKER Synthetic .....	355
Huikwang Corporation .....	357
Intermas Nets .....	359
JUTA as .....	360
Kuraray Company .....	362
Kusumgar Corporates .....	364
Leggett & Platt .....	365
Low & Bonar .....	367
Maeda Kosen .....	371
NAUE GmbH .....	372
Poly-America LP .....	375
Propex Operating Company .....	376
Raven Industries .....	379
Royal Ten Cate .....	381
Saint-Gobain .....	386
Samyang Corporation .....	388
S.E.C.I. SpA .....	390
Shandong Hongxiang Chemical Fiber Group .....	395
Shandong Taifeng Geosynthetics .....	396
SIBUR Holding CJSC .....	398
Taiyo Kogyo .....	400
TENAX International .....	401
Thrace Plastics .....	404
Trelleborg AB .....	407
Other Companies Mentioned in Study .....	408

## List of Tables

### EXECUTIVE SUMMARY

1 Summary Table ..... 3

### MARKET ENVIRONMENT

1 World Gross Domestic Product  
by Region ..... 10

2 World Gross Fixed Capital  
Formation by Region ..... 12

3 World Population by Region ..... 14

4 World Construction Expenditures  
by Region & Sector ..... 16

5 World Nonbuilding Construction  
Expenditures by Region ..... 18

6 World Nonresidential Building  
Expenditures by Region ..... 19

7 World Residential Building  
Expenditures by Region ..... 21

8 World Paved Roads by Region ..... 24

9 World Agricultural Value Added  
by Region ..... 26

### OVERVIEW

1 World Geosynthetics Demand by Region 35

2 World Geosynthetics Demand by Type... 38

3 World Geotextile Demand by Region .... 43

4 World Geomembrane Demand by Region 47

5 World Geogrid Demand by Region ..... 51

6 World Geonet Demand by Region ..... 54

7 World Other Geosynthetics  
Demand by Region ..... 57

8 World Geosynthetics Demand by Market 64

9 World Construction Market for  
Geosynthetics by Region ..... 69

10 World Transportation Infrastructure  
Market for Geosynthetics by Region.. 74

11 World Landfill Market for Geosynthetics  
by Region ..... 79

12 World Liquid Containment Market  
for Geosynthetics by Region ..... 83

13 World Other Markets for  
Geosynthetics by Region ..... 87

### NORTH AMERICA

1 North America: Market Environment  
for Geosynthetics ..... 90

2 North America: Geosynthetics  
Demand by Type & Market ..... 93

3 United States: Market Environment  
for Geosynthetics ..... 96

4 United States: Geosynthetics  
Demand by Type ..... 100

5 United States: Geosynthetics  
Demand by Market ..... 103

6 Canada: Market Environment  
for Geosynthetics ..... 106

7 Canada: Geosynthetics  
Demand by Type ..... 108

8 Canada: Geosynthetics  
Demand by Market ..... 110

9 Mexico: Market Environment  
for Geosynthetics ..... 114

10 Mexico: Geosynthetics  
Demand by Type ..... 116

11 Mexico: Geosynthetics  
Demand by Market ..... 118

### WESTERN EUROPE

1 Western Europe: Market Environment  
for Geosynthetics ..... 121

2 Western Europe: Geosynthetics  
Demand by Type & Market ..... 124

3 France: Market Environment  
for Geosynthetics ..... 127

4 France: Geosynthetics  
Demand by Type ..... 129

5 France: Geosynthetics  
Demand by Market ..... 131

6 Germany: Market Environment  
for Geosynthetics ..... 134

7 Germany: Geosynthetics  
Demand by Type ..... 136

8 Germany: Geosynthetics  
Demand by Market ..... 138

9 Italy: Market Environment  
for Geosynthetics ..... 141

10 Italy: Geosynthetics Demand by Type. 142

11 Italy: Geosynthetics Demand  
by Market ..... 144

12 Netherlands: Market Environment  
for Geosynthetics ..... 147

13 Netherlands: Geosynthetics  
Demand by Type ..... 149

14 Netherlands: Geosynthetics  
Demand by Market ..... 151

15 Spain: Market Environment  
for Geosynthetics ..... 154

16 Spain: Geosynthetics Demand by Type 156

17 Spain: Geosynthetics  
Demand by Market ..... 158

18 United Kingdom: Market Environment  
for Geosynthetics ..... 161

19 United Kingdom: Geosynthetics  
Demand by Type ..... 163

20 United Kingdom: Geosynthetics  
Demand by Market ..... 165

21 Other Western Europe: Market  
Environment for Geosynthetics ..... 168

22 Other Western Europe: Geosynthetics  
Demand by Type ..... 170

23 Other Western Europe: Geosynthetics  
Demand by Market ..... 172

24 Other Western Europe: Geosynthetics  
Demand by Country ..... 174

### ASIA/PACIFIC

1 Asia/Pacific: Market Environment  
for Geosynthetics ..... 177

2 Asia/Pacific: Geosynthetics Demand  
by Type & Market ..... 179

3 Australia: Market Environment  
for Geosynthetics ..... 182

4 Australia: Geosynthetics  
Demand by Type ..... 184

5 Australia: Geosynthetics  
Demand by Market ..... 186

6 China: Market Environment  
for Geosynthetics ..... 190

7 China: Geosynthetics  
Demand by Type ..... 193

8 China: Geosynthetics Demand  
by Market ..... 196  
 (continued on following page)

## List of Tables

(continued from previous page)

9 India: Market Environment for Geosynthetics .....	200
10 India: Geosynthetics Demand by Type .....	203
11 India: Geosynthetics Demand by Market .....	206
12 Japan: Market Environment for Geosynthetics .....	210
13 Japan: Geosynthetics Demand by Type .....	212
14 Japan: Geosynthetics Demand by Market .....	214
15 South Korea: Market Environment for Geosynthetics .....	217
16 South Korea: Geosynthetics Demand by Type .....	219
17 South Korea: Geosynthetics Demand by Market .....	222
18 Taiwan: Market Environment for Geosynthetics .....	225
19 Taiwan: Geosynthetics Demand by Type .....	227
20 Taiwan: Geosynthetics Demand by Market .....	229
21 Other Asia/Pacific: Market Environment for Geosynthetics .....	231
22 Other Asia/Pacific: Geosynthetics Demand by Type .....	234
23 Other Asia/Pacific: Geosynthetics Demand by Market .....	237

### OTHER REGIONS

1 Central & South America: Market Environment for Geosynthetics .....	241
2 Central & South America: Geosynthetics Demand by Type & Market .....	243
3 Brazil: Market Environment for Geosynthetics .....	245
4 Brazil: Geosynthetics Demand by Type .....	247
5 Brazil: Geosynthetics Demand by Market .....	249
6 Other Central & South America: Market Environment for Geosynthetics .....	252

7 Other Central & South America: Geosynthetics Demand by Type .....	254
8 Other Central & South America: Geosynthetics Demand by Market ...	256
9 Eastern Europe: Market Environment for Geosynthetics .....	258
10 Eastern Europe: Geosynthetics Demand by Type & Market .....	260
11 Poland: Market Environment for Geosynthetics .....	262
12 Poland: Geosynthetics Demand by Type .....	264
13 Poland: Geosynthetics Demand by Market .....	266
14 Russia: Market Environment for Geosynthetics .....	269
15 Russia: Geosynthetics Demand by Type .....	271
16 Russia: Geosynthetics Demand by Market .....	274
17 Other Eastern Europe: Market Environment for Geosynthetics .....	277
18 Other Eastern Europe: Geosynthetics Demand by Type .....	279
19 Other Eastern Europe: Geosynthetics Demand by Market .....	282
20 Africa/Mideast: Market Environment for Geosynthetics .....	285
21 Africa/Mideast: Geosynthetics Demand by Type & Market .....	287
22 Turkey: Market Environment for Geosynthetics .....	289
23 Turkey: Geosynthetics Demand by Type .....	291
24 Turkey: Geosynthetics Demand by Market .....	293
25 Other Africa/Mideast: Market Environment for Geosynthetics .....	295
26 Other Africa/Mideast: Geosynthetics Demand by Type .....	297
27 Other Africa/Mideast: Geosynthetics Demand by Market .....	299

## INDUSTRY STRUCTURE

1 World Geosynthetics Sales by Company, 2010 .....	304
2 Selected Acquisitions & Divestitures ..	319
3 Selected Cooperative Agreements .....	322

## List of Charts

### OVERVIEW

1 World Geosynthetics Demand by Region, 2000-2020 .....	36
2 World Geosynthetics Demand by Type, 2010 .....	39
3 World Synthetic & Natural Geotextiles Demand, 2000-2020 .....	44
4 World Geomembrane Demand by Region, 2010 .....	48
5 World Geogrid Demand by Region, 2010 .....	52
6 World Geonet Demand by Region, 2010 .....	55
7 World Geosynthetics Demand by Market, 2000-2020 .....	65
8 World Construction Market for Geosynthetics by Region, 2010 .....	70
9 World Transportation Infrastructure Market for Geosynthetics by Region, 2010 .....	75
10 World Landfill Market for Geosynthetics by Region, 2010 .....	80
11 World Liquid Containment Market for Geosynthetics by Region, 2010 ...	84

### NORTH AMERICA

1 North America: Geosynthetics Demand by Country, 2010 .....	94
--------------------------------------------------------------	----

### WESTERN EUROPE

1 Western Europe: Geosynthetics Demand by Country, 2010 .....	125
---------------------------------------------------------------	-----

### ASIA/PACIFIC

1 Asia/Pacific: Geosynthetics Demand by Country, 2010 .....	180
-------------------------------------------------------------	-----

### INDUSTRY STRUCTURE

1 World Geosynthetics Market Share, 2010 .....	307
------------------------------------------------	-----

*Advances will be driven by increasing use of geosynthetics, ongoing infrastructure construction in developing countries, and stricter environmental regulations and building codes.*

## World demand to rise 8.3% annually through 2015

Global demand for geosynthetics is projected to increase 8.3 percent annually to 4.5 billion square meters in 2015. This growth rate is an acceleration from the gains of the 2005-2010 period, reflecting in part the reduced bases of the developed countries in 2010. Advances will be driven by increasing use of geosynthetics and the large-scale construction plans in place in many developing countries. Countries such as China and India that are building infrastructure and developing environmental protection regulations and building construction codes are expected to post the most rapid growth. While advances in geosynthetics sales are expected to be substantial in nearly every region, the underlying reasons for that growth can vary widely.

## Asia/Pacific region to be fastest growing market

In 2010, North America was the largest regional market, accounting for 31 percent of global sales. The US is the world's largest market, with one-quarter of total sales in 2010. Growth in North America will benefit from the massive size of the US construction sector, which is expected to rebound through 2015 from a low 2010 base, as well as the need to maintain its large transportation infrastructure. Gains will also be aided by the region's building codes and environmental protection regulations.

## World Geosynthetics Demand (4.5 billion square meters, 2015)



Asia/Pacific  
39%

North America  
28%

Western Europe  
17%

Other Regions  
16%

photo: Beijing ZYR Industrial & Trade Corp., Ltd.

The Asia/Pacific region was only slightly smaller, accounting for 30 percent of global geosynthetics sales in 2010. However, this region is projected to achieve the fastest growth rate through 2015, primarily driven by China, where sales are expected to more than double by 2015. China is expected to account for nearly half of new global demand generated between 2010 and 2015, primarily due to its amount of available land, its ongoing development of large-scale infrastructure projects, and its need for erosion control. For similar reasons, India is also expected to post double-digit annual growth through the forecast period, with sales nearly doubling by 2015, although from a much smaller base. In many of the least

developed countries, however, growth for geosynthetics will be more limited due to inadequate funding, a lack of regulations that require their use and the presence of lower-cost alternatives such as natural fiber geotextiles and rock.

Demand in Western Europe and Japan is expected to rebound from a reduced 2010 base, benefiting from improved construction activity and the high level of concern in the region for environmental protection. However, gains are expected to be the slowest among all regions through 2015, indicative of Western Europe and Japan's relative maturity in terms of geosynthetics market penetration as well as the markets in which they are used.

Copyright 2011 The Freedonia Group, Inc.

[Click here to purchase online](#)

## Sample Text, Table & Chart

### ASIA/PACIFIC

#### China: Demand by Market

In 2010, the transportation infrastructure market accounted for the largest share of geosynthetic demand in China. This market benefits from the large number of large-scale infrastructure projects, including 380,000 kilometers of new roads, as part of the Eleventh Five-Year plan. The plan also includes well as construction of railways, airports and other infrastructure. Notable projects involved the extension of roads into rural areas and improving the capacity to move people and goods throughout the country. However, some massive projects (e.g., the Beijing-Shanghai High Speed Railway) will be completed before the forecast year, moderating spending gains to a certain degree in 2015. Other pending projects include the construction of a new airport in Yantai, Shandong (projected to be completed in 2015), dozens of new highways, and the inland waterway system of the Chang Jiang (Yangtze River) Delta and the Zhu Jiang (Pearl River) Delta. Government plans indicate that they also hope to expand China's high-speed rails from covering 8,358 kilometers in 2010 to 45,000 kilometers by 2015, including the 832-kilometer-long Lanzhou-Chongqing Railway, which is scheduled to be completed in 2014 and will include 285 bridges covering 104 kilometers and 178 tunnels covering 506 kilometers -- all of which will require a high level of geosynthetics. Negative publicity from poorly built infrastructure, premature failures and well publicized collapses (e.g., of roads, tunnels, mountain sides) will continue to fuel the drive toward better standards and more widespread use of geosynthetics.

Not only are geosynthetics used to separate the base layer and rock underneath roadways and bridges, but they are also used to support the slopes above and below roads that are cut through the mountainous regions. Additional support through geosynthetics is necessary in the desert regions since the sandy soils are not compacted.

193

Copyright 2011

**SAMPLE  
TEXT**

TABLE VI-8

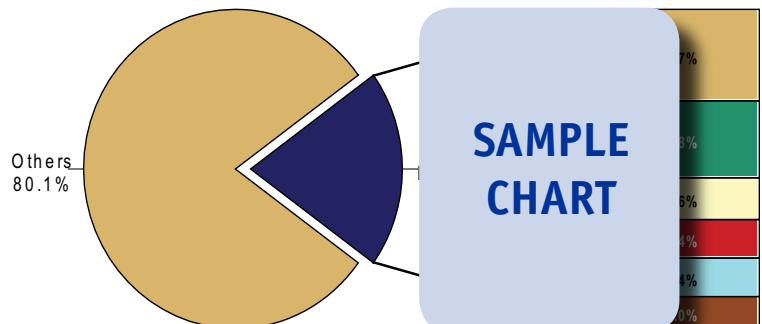
CHINA: GEOSYNTHETICS DEMAND BY MARKET  
(million dollars)

Item	2000	2005	2010	2015	2020
Construction Expenditures (bil 2009\$)- sq m geosynthetics/mil \$ construction					
Geosynthetics Demand					
Construction					
Transportation Infrastructure					
Landfill					
Liquid Containment					
Other					

**SAMPLE  
TABLE**

CHART VIII-1

WORLD GEOSYNTHETICS MARKET SHARE  
(\$6.2 billion, 2010)



**SAMPLE  
CHART**

## Sample Profile, Table & Forecast

**TABLE VI-7**  
**CHINA: GEOSYNTHETICS DEMAND BY TYPE**  
(million square meters)

Item	2000	2005	2010	2015	2020
Nonbldg Construction Expend (bil 2009\$)					
sq m geosynthetics/000\$ construction					
Geosynthetics Demand					
Geotextiles					
Geomembranes					
Geogrids					
Geonets					
Other					
% China					
Asia/Pacific Geosynthetics Demand					

**SAMPLE  
TABLE**

### COMPANY PROFILES

#### ADS Incorporated

485, rue des Erables  
 Saint-Elzear-de-Beauce, Quebec G0S 2J0  
 Canada  
 418-387-3383  
<http://www.ads.com>

Annual Sales:  
 Employment:

Key Products:

**SAMPLE  
PROFILE**

ADS designs, develops, produces and sells nonwoven materials, needlepunched nonwovens and polymer-coated materials primarily through the Texel subsidiary. The Company is privately held.

ADS is involved in the world geosynthetics industry through the Texel subsidiary (Canada), which makes geotextiles, agrotexiles and geocomposites, among other items. In addition, Texel manufactures geosynthetic products via the Texel Géosol Incorporated subsidiary and the AFITEX-TEXEL Geosynthetics Incorporated joint venture.

**Products** -- Geotextiles from Texel encompass SERIE F, SERIE 76, SERIE 900, DRAINAFORM and FILTEX types. SERIE F geotextiles are made from polyester and feature pores that are designed to stay open under high stress. The company's SERIE 76 geotextiles are designed to prevent soil from migrating up through the roadbed, while SERIE 900 geotextiles are engineered to provide resistance to punctures, impacts and abrasions in river and road embankments. DRAINAFORM geotextiles are single-layer varieties with two different surface finishes, one of which acts as a filter and the other that drains and evacuates excess water from the surface of concrete. Texel's

"Demand for geosynthetics in China is projected to increase 19.1 percent per year to 1.2 billion square meters in 2015. China accounts for by far the largest share of geosynthetics demand in the Asia/Pacific region, with 55 percent in 2010. The country also accounted for the second largest share of global demand with 17 percent. Additionally, this is the fastest growth rate in the world for an individual country through this period."

--Section VI, pg. 190

ONLINE: www.freedoniagroup.com

MAIL: Print out and complete the order form and send to The Freedonia Group (see address at the bottom of this form)

PHONE: Call toll free, 800.927.5900 (US) or + 1 440.684.9600

FAX: + 1 440.646.0484 (US)

EMAIL: info@freedoniagroup.com

Free Handling & Shipping

There is NO charge for handling or UPS shipping in the US. Expect delivery in 3 to 5 business days. Outside the US, Freedonia provides free airmail service. Express delivery is available at cost.

Credit Card Orders

For convenience, Freedonia accepts American Express, MasterCard or Visa. Credit card purchases must include account number, expiration date and authorized signature.

Orders Outside of the US

Checks must be made payable in US funds, drawn against a US bank and mailed directly to The Freedonia Group. For wire transfers please contact our customer service department at info@freedoniagroup.com. Credit cards accepted.

Save 15%

If you order three (3) different titles at the same time, you can receive a 15% discount. If your order is accompanied by a check or wire transfer, you may take a 5% cash discount (discounts do not apply to Corporate Use Licenses).

Corporate Use License

Now every decision maker in your organization can act on the key intelligence found in all Freedonia studies. For an additional \$2600, companies receive unlimited use of an electronic version (PDF) of the study. Place it on your intranet, e-mail it to coworkers around the world, or print it as many times as you like,

Click here to learn more about the Corporate Use License

ORDER FORM

F-WEB.2825

World Geosynthetics ..... \$5900

Corporate Use License (add to study price) \* + \$2600

Additional Print Copies @ \$600 each \*

Total (including selected option) \$\_\_\_\_\_

Enclosed is my check (5% discount) drawn on a US bank and payable to The Freedonia Group, Inc., in US funds (Ohio residents add 7.75% sales tax)

Bill my company American Express MasterCard Visa

Credit Card # grid

Expiration Date MM YY

Signature \_\_\_\_\_

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Division \_\_\_\_\_

Street (No PO Box please)

City/State/Zip \_\_\_\_\_

Country \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_

\* Please check appropriate option and sign below to order an electronic version of the study.

Corporate Use License Agreement

The above captioned study may be stored on the company's intranet or shared directory, available to company employees. Copies of the study may be made, but the undersigned represents that distribution of the study will be limited to employees of the company.

Signature \_\_\_\_\_

Individual Use License Agreement

The undersigned hereby represents that the above captioned study will be used by only \_\_\_ individual(s) who are employees of the company and that the study will not be loaded on a network for multiple users. In the event that usage of the study changes, the Company will promptly notify Freedonia of such change and will pay to Freedonia the appropriate fee based on Freedonia's standard fee schedule then in effect. Note: Entire company corporate use license, add \$2600; one additional user, add \$600; two additional users, add \$1200; three additional users, add \$1800.

Signature \_\_\_\_\_



**OTHER STUDIES**

**World Asphalt**

This study analyzes the world asphalt industry. It presents historical data for the years 2000, 2005 and 2010, and forecasts for 2015 and 2020 for primary asphalt, asphalt products (paving, roofing), world region and major country. The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry participants.

#2847 ..... February 2012 ..... \$6100

**World Cement & Concrete Additives**

This study analyzes the world cement and concrete additive industry. It presents historical demand data for the years 2000, 2005 and 2010, and forecasts for 2015 and 2020 by type (e.g., minerals, chemicals and fibers), market (e.g., buildings, highways and streets), world region and major country. The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry players.

#2841 ..... January 2012 ..... \$5900

**World Construction Aggregates**

This study analyzes the world construction aggregates industry. It presents historical demand data for the years 2000, 2005 and 2010, with forecasts for 2015 and 2020 by product (e.g., crushed stone, sand, gravel), market (nonbuilding, nonresidential, residential), application (e.g., hydraulic concrete, road base and coverings, asphaltic concrete), world region and major country. The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry players.

#2838 ..... January 2012 ..... \$5900

**World Nonwovens**

Global sales of nonwoven fabrics are forecast to increase 6.9 percent annually to 9.3 million metric tons in 2015. Market gains in developing areas will outpace gains in the US, Western Europe and Japan. Spunmelt nonwovens will remain the largest segment, while airlaid nonwovens grow the fastest. This study analyzes the 6.7 million metric ton world nonwovens industry, with forecasts for 2015 and 2020 by web formation process, application, market, world region and for 19 countries. The study also evaluates company market share and profiles industry players.

#2816 ..... December 2011 ..... \$5900

**Geosynthetics**

US demand for geosynthetics is projected to advance 6.8 percent annually through 2015. Nonwoven and woven/knit geotextiles will remain the dominant segment and offer good growth prospects, driven by construction and transportation infrastructure markets. Geonets will achieve the fastest gains from a much smaller base. This study analyzes the 904 million square yard US geosynthetics industry, with forecasts for 2015 and 2020 by product, market and region. The study also evaluates company market share and profiles industry players.

#2744 ..... May 2011 ..... \$4900

**About The Freedonia Group**

The Freedonia Group, Inc., is a leading international industry market research company that provides its clients with information and analysis needed to make informed strategic decisions for their businesses. Studies help clients identify business opportunities, develop strategies, make investment decisions and evaluate opportunities and threats. Freedonia research is designed to deliver unbiased views and reliable outlooks to assist clients in making the right decisions. Freedonia capitalizes on the resources of its proprietary in-house research team of experienced economists, professional analysts, industry researchers and editorial groups. Freedonia covers a diverse group of industries throughout the United States, the emerging China market, and other world markets. Industries analyzed by Freedonia include:

- Chemicals • Plastics • Life Sciences • Packaging • Building Materials • Security & Electronics • Industrial Components & Equipment • Automotive & Transportation Equipment • Household Goods • Energy/Power Equipment

[Click here to learn more about Freedonia](#)

**Freedonia Custom Research**

Freedonia Custom Research delivers the same high quality, thorough and unbiased assessment of an industry or market as an industry study. Since the research initiative is based upon a company's specific needs, companies harness Freedonia's research capabilities and resources to answer unique questions. When you leverage the results of a Freedonia Custom Research engagement, you are able to obtain important answers to specific questions and issues associated with: mergers and acquisitions, new product launches/development, geographic expansion, entry into new markets, strategic business planning, and investment and funding decisions.

Freedonia Custom Research is ideal for companies seeking to make a strategic difference in the status quo and focus on future business growth. Working side by side with clients, Freedonia's team is able to define a research project that is custom-tailored to answer specific questions and provide the basis from which a company can make informed business decisions.

[Click here to learn more about Custom Research](#)



[Click here for complete title list](#)



[Click here to visit freedoniagroup.com](http://www.freedoniagroup.com)