

Global Greenhouse Films Market - Resins and Applications

Market Report | 2024-11-04 | 353 pages | Industry Experts

AVAILABLE LICENSES:

- Single user licence (PDF) \$4500.00
- Enterprise Electronic (PDF) \$7200.00

Report description:

Greenhouse Films Market Trends and Outlook

Greenhouses are structures that enable in creating a microclimate of their own by regulating the humidity and temperature of the area within where plants are kept. Apart from common vegetables, these structures are utilized for cultivating exotic plants, orchids and even start seedlings by offering an adaptable growing environment. Greenhouses allow growing fruits, flowers and vegetables all year round in a suitably safe ecosystem, thereby protecting delicate plants from extremities of weather. Protecting and nurturing the variety of plants being grown in greenhouses can be achieved by using Greenhouse Films that cover these structures and provide a perfect and regulated internal environment for their growth. These typically are plastic resin-based films of specific thicknesses, which are essential to maintain optimum growing conditions by having an influence on parameters ranging from transmission of light to control of temperature and humidity.

The global market for Greenhouse Films is estimated at US\$7.3 billion in 2024 and is projected to reach US\$12.3 billion by 2030 at a CAGR of 9% between 2024 and 2030.

Some of the major factors expected to drive the global demand for Greenhouse Films include greater demand for food from a growing population, increasing number of greenhouse protected cultivation areas, government initiatives aimed at protected agriculture support, demand for technologically advanced greenhouse films, such as multi-layer films, greater need for crops cultivated in nurseries protected with greenhouse films, popularity of ornamental plants grown in greenhouses, advancements in greenhouse film technology, commercialization of horticulture & fruit cultivation and growing urbanization & limited land to grow crops.

Greenhouse Films Regional Market Analysis

Geographically, Asia-Pacific represents the largest, as also the fastest growing, region for Greenhouse Films. Population in the region is growing at a considerable rate, because of which a significant portion of land used for growing crops and vegetables is being converted into commercial and residential spaces. In such a scenario, greenhouses offer safe and conducive environments to cultivate fruits and vegetables for addressing the needs of consumers. North America and Europe are the other regions that would maintain healthy growth for Greenhouse Film demand over the 2024-2030 analysis period. Climate change is another factor that has played havoc with cultivational practices, since unseasonal rainfall and snowfall tend to destroy acres and acres of planted crops. Using greenhouses can, to some extent at least, be helpful in overcoming this disastrous situation.

Greenhouse Films Market Analysis by Resin Type

The major categories of Greenhouse Films by resin type include Polyethylene (PE) [further sub-divided into High-Density

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Polyethylene (HDPE), Low-Density Polyethylene (LDPE), Linear Low-Density Polyethylene (LLDPE) & Metallocene Linear Low-Density Polyethylene (mLLDPE)], Ethylene Vinyl Acetate (EVA), Polyvinyl Chloride (PVC) and Polycarbonate (PC), among others. Within these, the global market for PE-based Greenhouse Films is the largest, as these are found to have ideal properties to sustain adverse climatic conditions. LDPE is the largest sub-segment of PE Greenhouse Films, which is also likely to register the fastest growth during the 2024-2030 analysis period. These films offer better thickness, optical properties and resistance to sunlight, thereby driving demand for them. Further benefits include greater flexibility and transparency and relatively lesser cost. In terms of growth, though, the market for PC-based films would be the fastest. While these films are quite costly, they are preferred because of providing greater and longer lasting protection against wind and snow. PC films, while being available in a variety of colors, are suitable for greenhouse covering applications in clear, UV-resistant form. Ultimately, it can be said that each individual film type has its own set of pros and cons for use in greenhouses.

Greenhouse Films Market Analysis by Thickness

By thickness, Greenhouse Films can be classified into < 200 microns, 200 microns and > 200 microns, with films of < 200 microns leading the demand. Apart from being less expensive, films of this thickness show greater resistance to UV radiation and solar aging. On the other hand, the market for Greenhouse Films with 200 micron thickness will be the fastest growing, as they offer outstanding mechanical properties for use in various climatic conditions, along with the requisite features.

Greenhouse Films Market Analysis by Application

Categorization of Greenhouse Films based on application includes Floriculture, Fruit Cultivation and Vegetable Cultivation. Cultivating of vegetables forms the largest application area for Greenhouse Films, since arable land to grow crops is shrinking at an alarming rate due to uncontrolled population growth, which demands sufficient living space. One of the major advantages of greenhouses is the ability to grow vegetables even in very cold climatic conditions, which ensures adequate supply on an annual basis. The market for Greenhouse Films for Floriculture, especially ornamental and exotic plants, is likely to surpass all other application areas, since there is a great demand for various types of ornamental plants in interior commercial and residential settings. Some of the more commonly grown ornamental plant in greenhouses include gazanias, impatiens, ferns, poinsettias, petunias, salvia, caladiums and orchids.

Greenhouse Films Market Report Scope

This global report on Greenhouse Films analyzes the market based on resin type, film thickness and application area. In addition to providing profiles of major companies operating in this space, the latest corporate and industrial developments have been covered to offer a clear panorama of how and where the market is progressing.

Key Metrics

Historical Period: 2021-2023

Base Year: 2023

Forecast Period: 2024-2030

Units: Value market in US\$

Companies Mentioned: 60+

Greenhouse Films Market by Geographic Region

- North America (The United States, Canada and Mexico)
- Europe (France, Germany, Italy, Russia, Spain, The United Kingdom and Rest of Europe)
- Asia-Pacific (China, Japan, India, South Korea and Rest of Asia-Pacific)
- South America (Argentina, Brazil and Rest of South America)
- Middle East & Africa

Greenhouse Films Market by Resin Type

- Ethylene Vinyl Acetate (EVA)
- Polycarbonate (PC)
- Polyethylene (PE)
- High-Density Polyethylene (HDPE)
- Linear Low-Density Polyethylene (LLDPE)
- Low-Density Polyethylene (LDPE)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

-☐Metallocene Linear Low-Density Polyethylene (mLLDPE)

-☐Polyvinyl Chloride (PVC)

Greenhouse Films Market by Thickness

-☐< 200 microns

-☐200 microns

-☐> 200 microns

Greenhouse Films Market by Application Area

-☐Floriculture

-☐Fruit Cultivation

-☐Vegetable Cultivation

Table of Contents:

PART A: GLOBAL MARKET PERSPECTIVE

1. INTRODUCTION

-☐Product Outline

o☐Greenhouse Films Defined

o☐Greenhouse Films Resin Types

-☐Ethylene Vinyl Acetate (EVA)

-☐Polycarbonate (PC)

-☐Polyethylene (PE)

-☐High-Density Polyethylene (HDPE)

-☐Linear Low-Density Polyethylene (LLDPE)

-☐Low-Density Polyethylene (LDPE)

-☐Metallocene Linear Low-Density Polyethylene (mLLDPE)

-☐Polyvinyl Chloride (PVC)

o☐Greenhouse Films Thickness

-☐<200 microns

-☐200 microns

-☐>200 microns

o☐Greenhouse Films Applications

-☐Floriculture

-☐Fruit Cultivation

-☐Horticulture

2. Key Market Trends

3. Key Global Players

-☐A.A.A. Greenhouse Film

-☐Politiv Ltd

-☐Ab Rani Plast Oy

-☐Achilles Corp

-☐AgriNovus

-☐Agriplast

-☐Agriplast Tech India Pvt Ltd

-☐Agripolyane

-☐Amcor PLC

-☐Arid Agritech

-☐Aserpro SA

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Avient
- BASF SE
- Beijing Kingpeng International Hi-Tech Corp
- Berry Global, Inc.
- British Polythene Industries (BPI)
- Central Worldwide Co Ltd
- Charu Agroplast Pvt Ltd
- Cosio Industries Ltd
- D.S.E. Co Ltd
- Daikin
- DuPont
- Eiffel Industria Materiale Plastiche SpA
- Engineering Services & Products Co
- Essen Multipack Ltd
- Exxon Mobil Corp
- FarmTek
- Freudenberg SE
- FVG Folien-Vertriebs GmbH
- GCR Group
- Ginegar Plastic Products Ltd
- Goutham Plastic (India) Pvt. Ltd.
- GreenPro
- Groupe Barbier
- Grupo Armando Alvarez SA
- Halocarbon LLC
- Industrial Development Co SAL
- Iris Polymers Industries Pvt Ltd
- Luguan Plastics
- Lumite, Inc.
- Macro International Co Ltd
- Mitsubishi Chemical Corp
- Paklite (Pty) Ltd
- Plastchim-T
- Plastika Kritis SA
- Polifilm Extrusion GmbH
- Polyvisol
- RPC Group plc
- RKW SE
- SABIC
- Shandong Qingtian Plastic Co Ltd
- Shandong Shouguang Jianyuanchun Co Ltd.
- Shandong Tianhe Plastic Co Ltd
- Sichuan Bozong Greenhouse Co Ltd
- Singhal Industries
- Solvay
- Sotrafa
- Thai Chaoren Thong Karntor Co Ltd

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- The Dow Chemical Co
- Tianjin Plastic Greenhouse Film
- Tilak Polypack
- Tuflex
- UbiQD, Inc.
- Vis and Son Co Ltd
- Visqueen
- Xinguang Plastic
- Zibo Zhongyi Plastic Products Co Ltd.

4. Key Business & Product Trends

5. Global Market Overview

- Global Greenhouse Films Market Overview by Resin Type
 - o□Greenhouse Films Type Market Overview by Global Region
- Ethylene Vinyl Acetate (EVA)
- Polycarbonate (PC)
- Polyethylene (PE)
 - High-Density Polyethylene (HDPE)
 - Linear Low-Density Polyethylene (LLDPE)
 - Low-Density Polyethylene (LDPE)
 - Metallocene Linear Low-Density Polyethylene (mLLDPE)
- Polyvinyl Chloride (PVC)
- Global Greenhouse Films Market Overview by Thickness
 - o□Greenhouse Films Thickness Market Overview by Global Region
 - <200 microns
 - 200 microns
 - >200 microns
- Global Greenhouse Films Market Overview by Application
 - o□Greenhouse Films Application Market Overview by Global Region
 - Floriculture
 - Fruit Cultivation
 - Horticulture

PART B: REGIONAL MARKET PERSPECTIVE

- Global Greenhouse Films Market Overview by Geographic Region

REGIONAL MARKET OVERVIEW

6. North America

- North American Greenhouse Films Market Overview by Geographic Region
- North American Greenhouse Films Market Overview by Resin Type
- North American Greenhouse Films Market Overview by Film Thickness
- North American Greenhouse Films Market Overview by Application
- Country-wise Analysis of North American Greenhouse Films Market
 - o□The United States
 - United States Greenhouse Films Market Overview by Resin Type
 - United States Greenhouse Films Market Overview by Film Thickness
 - United States Greenhouse Films Market Overview by Application
 - o□Canada
 - Canadian Greenhouse Films Market Overview by Resin Type
 - Canadian Greenhouse Films Market Overview by Film Thickness

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- [] Canadian Greenhouse Films Market Overview by Application
- o [] Mexico
- [] Mexican Greenhouse Films Market Overview by Resin Type
- [] Mexican Greenhouse Films Market Overview by Film Thickness
- [] Mexican Greenhouse Films Market Overview by Application
- 7. Europe
- [] European Greenhouse Films Market Overview by Geographic Region
- [] European Greenhouse Films Market Overview by Resin Type
- [] European Greenhouse Films Market Overview by Film Thickness
- [] European Greenhouse Films Market Overview by Application
- [] Country-wise Analysis of European Greenhouse Films Market
- o [] France
- [] French Greenhouse Films Market Overview by Resin Type
- [] French Greenhouse Films Market Overview by Film Thickness
- [] French Greenhouse Films Market Overview by Application
- o [] Germany
- [] German Greenhouse Films Market Overview by Resin Type
- [] German Greenhouse Films Market Overview by Film Thickness
- [] German Greenhouse Films Market Overview by Application
- o [] Italy
- [] Italian Greenhouse Films Market Overview by Resin Type
- [] Italian Greenhouse Films Market Overview by Film Thickness
- [] Italian Greenhouse Films Market Overview by Application
- o [] Russia
- [] Russian Greenhouse Films Market Overview by Resin Type
- [] Russian Greenhouse Films Market Overview by Film Thickness
- [] Russian Greenhouse Films Market Overview by Application
- o [] Spain
- [] Spanish Greenhouse Films Market Overview by Resin Type
- [] Spanish Greenhouse Films Market Overview by Film Thickness
- [] Spanish Greenhouse Films Market Overview by Application
- o [] The United Kingdom
- [] United Kingdom Greenhouse Films Market Overview by Resin Type
- [] United Kingdom Greenhouse Films Market Overview by Film Thickness
- [] United Kingdom Greenhouse Films Market Overview by Application
- o [] Rest of Europe
- [] Rest of Europe Greenhouse Films Market Overview by Resin Type
- [] Rest of Europe Greenhouse Films Market Overview by Film Thickness
- [] Rest of Europe Greenhouse Films Market Overview by Application
- 8. Asia-Pacific
- [] Asia-Pacific Greenhouse Films Market Overview by Geographic Region
- [] Asia-Pacific Greenhouse Films Market Overview by Resin Type
- [] Asia-Pacific Greenhouse Films Market Overview by Film Thickness
- [] Asia-Pacific Greenhouse Films Market Overview by Application
- [] Country-wise Analysis of Asia-Pacific Greenhouse Films Market
- o [] China
- [] Chinese Greenhouse Films Market Overview by Resin Type

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- Chinese Greenhouse Films Market Overview by Film Thickness
- Chinese Greenhouse Films Market Overview by Application
- o□India
- Indian Greenhouse Films Market Overview by Resin Type
- Indian Greenhouse Films Market Overview by Film Thickness
- Indian Greenhouse Films Market Overview by Application
- o□Japan
- Japanese Greenhouse Films Market Overview by Resin Type
- Japanese Greenhouse Films Market Overview by Film Thickness
- Japanese Greenhouse Films Market Overview by Application
- o□South Korea
- South Korean Greenhouse Films Market Overview by Resin Type
- South Korean Greenhouse Films Market Overview by Film Thickness
- South Korean Greenhouse Films Market Overview by Application
- o□Rest of Asia-Pacific
- Rest of Asia-Pacific Greenhouse Films Market Overview by Resin Type
- Rest of Asia-Pacific Greenhouse Films Market Overview by Film Thickness
- Rest of Asia-Pacific Greenhouse Films Market Overview by Application
- 9. South America
- South American Greenhouse Films Market Overview by Geographic Region
- South American Greenhouse Films Market Overview by Resin Type
- South American Greenhouse Films Market Overview by Film Thickness
- South American Greenhouse Films Market Overview by Application
- Country-wise Analysis of Asia-Pacific Greenhouse Films Market
- o□Argentina
- Argentine Greenhouse Films Market Overview by Resin Type
- Argentine Greenhouse Films Market Overview by Film Thickness
- Argentine Greenhouse Films Market Overview by Application
- o□Brazil
- Brazilian Greenhouse Films Market Overview by Resin Type
- Brazilian Greenhouse Films Market Overview by Film Thickness
- Brazilian Greenhouse Films Market Overview by Application
- o□Rest of South America
- Rest of South American Greenhouse Films Market Overview by Resin Type
- Rest of South American Greenhouse Films Market Overview by Film Thickness
- Rest of South American Greenhouse Films Market Overview by Application
- 10. Middle East & Africa
- Middle East & Africa Greenhouse Films Market Overview by Resin Type
- Middle East & Africa Greenhouse Films Market Overview by Film Thickness
- Middle East & Africa Greenhouse Films Market Overview by Application

PART C: GUIDE TO THE INDUSTRY

PART D: ANNEXURE

1. RESEARCH METHODOLOGY

2. FEEDBACK

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Global Greenhouse Films Market - Resins and Applications

Market Report | 2024-11-04 | 353 pages | Industry Experts

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

| Select license | License | Price |
|----------------|-----------------------------|-----------|
| | Single user licence (PDF) | \$4500.00 |
| | Enterprise Electronic (PDF) | \$7200.00 |
| | | VAT |
| | | Total |

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

| | | | |
|---------------|----------------------|-------------------------------|---|
| Email* | <input type="text"/> | Phone* | <input type="text"/> |
| First Name* | <input type="text"/> | Last Name* | <input type="text"/> |
| Job title* | <input type="text"/> | | |
| Company Name* | <input type="text"/> | EU Vat / Tax ID / NIP number* | <input type="text"/> |
| Address* | <input type="text"/> | City* | <input type="text"/> |
| Zip Code* | <input type="text"/> | Country* | <input type="text"/> |
| | | Date | <input type="text" value="2026-02-22"/> |
| | | Signature | <input type="text"/> |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com