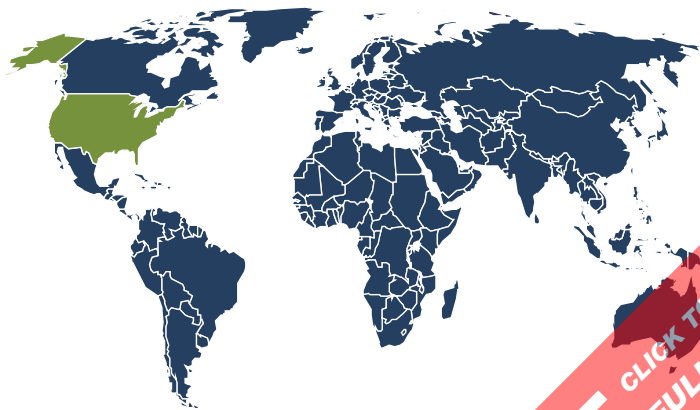




Freedonia Focus Reports
US Collection

Barrier Films: United States

April 2017



Highlights

Market Environment

Historical Trends | Key Economic Indicators | Resins Overview
Environmental and Regulatory Factors

Segmentation and Forecasts

Types | Markets

Industry Structure

Industry Characteristics | Market Share

Resources

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About This Report

Scope & Method

This report forecasts US barrier film demand in pounds and US dollars at the manufacturers' level to 2021. Total demand is segmented by type in terms of:

- oxygen and other gas
- moisture
- corrosion
- other types such as aroma and grease barriers.

For the purposes of this study, “barrier film” refers to multilayer film structures that protect against oxygen or moisture ingress, as well as other environmental factors such as aroma. In the case of corrosion barrier films, the film can be a single layer structure that incorporates an active packaging component, such as an oxygen scavenger. Excluded from the study are laminates of conventional films with foils, paper, or other commodity materials.

Total demand is also segmented by market as follows:

- food packaging
- pharmaceutical and medical products
- construction
- primary metal products
- electronics
- other markets such as agriculture, personal care products, and fabricated metal products.

To illustrate historical trends, total demand is provided in annual series from 2006 to 2016; the various segments are reported at five-year intervals for 2011 and 2016.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

About This Report

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Barrier Films: United States (FF55055) is based on [Barrier Films Market in the US](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group.

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 7 | Industry Codes Related to Barrier Film

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
325211	Plastics Material and Resin Mfg	2671	Packaging Paper and Plastics Film, Coated and Laminated
326112	Plastics Packaging Film and Sheet (including Laminated) Mfg	2821	Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers
326113	Unlaminated Plastics Film and Sheet (except Packaging) Mfg	3081	Unsupported Plastics Film and Sheet

Source: US Census Bureau

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Resources

The Freedonia Group

Barrier Films Market in the US, April 2017

Freedonia Industry Studies

Pharmaceutical Packaging Market in the US, June 2017

Converted Flexible Packaging Market in the US, May 2017

Poultry Packaging Market in the US, March 2017

Meat Packaging Market in the US, February 2017

World Wine Packaging, July 2016

Aseptic Packaging, March 2016

Active & Intelligent Packaging, October 2015

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Agencies & Associations

American Chemistry Council

American Meat Institute

Flexible Packaging Association

United States Census Bureau

United States Department of Agriculture