



Freedonia Focus Reports
US Collection

Protective Packaging: United States

November 2017



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About This Report

Scope & Method

This report forecasts US protective packaging demand in nominal US dollars to 2021. Total demand is segmented by product in terms of:

- flexible
- foam
- rigid

Total demand is also segmented by market as follows:

- durable goods manufacturing
- nondurable goods manufacturing
- e-commerce
- other markets, such as products sold to consumers and conventional retail uses

To illustrate historical trends, total demand is provided in annual series from 2006 to 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.

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

Protective Packaging: United States (FF30020) is based on [Protective Packaging 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:

About This Report

- 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 5 | Industry Codes Related to Protective Packaging

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Classification	
322211	Corrugated and Solid Fiber Box Manufacturing	2653	Corrugated and Solid Fiber Boxes
322222	Coated and Laminated Paper Manufacturing	2672	Coated and Laminated Paper, NEC
322224	Uncoated Paper and Multiwall Bag Manufacturing	2674	Uncoated and Multiwall Bags
326140	Polystyrene Foam Product Manufacturing	2679	Converted Paper and Paperboard Products, NEC
326150	Urethane and Other Foam Product (Except Polystyrene) Manufacturing	3086	Plastic Foam Products
326199	All Other Plastics Product Manufacturing	3089	Plastic Products, NEC

Source: US Census Bureau

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Resources

The Freedonia Group

Protective Packaging Market in the US, November 2017

Freedonia Industry Studies

Packaging Films Market in the US, July 2017

Pharmaceutical Packaging Market in the US, June 2017

Converted Flexible Packaging Market in the US, May 2017

Global Protective Packaging Market, May 2017

Retail E-Commerce Packaging Market in the US, November 2016

World Pressure Sensitive Tapes, October 2016

Retail Ready Packaging, July 2016

Plastic Foams, June 2016

Pressure Sensitive Tapes, December 2015

World Corrugated Boxes, November 2015

Freedonia Focus Reports

Converted Flexible Packaging: United States

Global Protective Packaging

Packaging Films: United States

Pharmaceutical Packaging: United States

Plastic Foams: United States

Pressure Sensitive Tapes: United States

Retail Ready Packaging: United States

World Corrugated Boxes

World Pressure Sensitive Tapes

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About This Report

EPS Industry Alliance
Fibre Box Association
Plastic Loose Fill Council
Spray Polyurethane Foam Alliance
United States Census Bureau
United States International Trade Commission