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Hoses & Belts: United States

November 2019



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About This Report

Scope

This report forecasts to 2023 US hose and belt demand and shipments in nominal US dollars at the manufacturer level. Total demand is segmented by product in terms of:

- flat belts
- vehicular hose
- industrial hose
- nonflat belts
- fluid power hose
- air and water hose

To illustrate historical trends, total demand and the various segments; shipments; trade; and the number of US firms, establishments, and employment are provided in annual series from 2008 to 2018.

Hoses and belts may be constructed from rubber and plastic. Hose fittings are excluded from the scope of this report. Re-exports of hoses and belts are excluded from demand figures.

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

Sources

Hoses & Belts: United States (FF50010) represents the synthesis and analysis of data from various secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and 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 9 | NAICS & SIC Codes Related to Hoses & Belts

NAICS/SCIAN 2017		SIC	
North American Industry Classification System		Standard Industrial Classification	
325211	Plastics Material and Resin Manufacturing	2821	Plastic Materials, Synthetic Resins, and Nonvulcanizable Elastomers
325212	Synthetic Rubber Manufacturing	2822	Synthetic Rubber (Vulcanizable Elastomers)
326220	Rubber and Plastics Hoses and Belting Manufacturing	3052	Rubber and Plastics Hose and Belting
424610	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers	5162	Plastics Materials and Basic Forms and Shapes
424690	Other Chemical and Allied Products Merchant Wholesalers	5169	Chemicals and Allied Products, Not Elsewhere Classified

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market’s current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia 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

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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.

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Resources

The Freedonia Group

Freedonia Industry Studies

Gaskets & Seals

Global Industrial Rubber Products

Global Rubber Conveyor Belts

Liquid Silicone Rubber

Pipe: Products & Markets

Freedonia Focus Reports

Footwear: United States

Global Industrial Rubber Products

Global Light Vehicles

Global Rubber Conveyor Belts

Industrial Rubber Products: Canada

Industrial Rubber Products: United Kingdom

Industrial Rubber Products: United States

Liquid Silicone Rubber: United States

Manufacturing: United States

Motor Vehicles: United States

Oil & Natural Gas Pipe: United States

Pipe: United States

Rubber: United States

Rubber Conveyor Belts: United States

Freedonia Custom Research

Trade Publications

Automotive News

Chemical & Engineering News

Hose Assembly Tips

ICIS Chemical Business

Chemical Week

Plastics News

Rubber & Plastics News

Rubber Statistical Bulletin

Rubber World Magazine

Agencies & Associations

American Chemical Society – Rubber Division

About This Report

American Chemistry Council – Plastics
Association for Rubber Products Manufacturers
Federal Aviation Administration
Fluid Sealing Association
International Institute of Synthetic Rubber Producers
International Rubber Study Group
National Highway Traffic Safety Administration
Occupational Safety and Health Administration
Rubber Manufacturers Association
Society of Plastics Engineers
United States Census Bureau
United States Department of Agriculture
United States Department of Labor
 Bureau of Labor Statistics
United States International Trade Commission