Pressure Sensitive Tapes - Private Companies Report profiles more than 120 private U.S. producers and distributors of plastic, paper, cloth, rubber, and other pressure sensitive tapes. This information will assist in making decisions concerning acquisitions, joint ventures and cooperative agreements.

Examine the report highlights, sample pages and table of contents on the following pages and see how Pressure Sensitive Tapes - Private Companies Report can serve as a valuable decision making tool for your company.

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This new report profiles more than 120 private U.S. companies active in the pressure sensitive tapes industry. To frame the industry, Freedonia analysts have prepared an overview of the market and general industry. The analysis explores the key indicators that drive demand, highlights company capabilities and annual sales, identifies private company characteristics and shows regional concentration.
Companies Profiled

* Sample profiles on pages 4 and 5

Ace Carton and Tape of Laredo
Ad Tape & Label Co. Inc.
Adhesives Research Inc.
Advanced Labelworx Inc.
TTL Medical
ALPHA Associates Inc.
American Biltrite Inc.
Ampenn Converting Inc.
Andover Coated Products Inc.
Aremco Products Inc.
Argent Automotive Systems Inc.
Arrowhead Athletics
Austin Tape & Label Inc.
Avon Tape Inc.
AzCoat Inc.
Bally Ribbon Mills
Best Tape
Seam Masters Industries
Bristol Tape Corp.
BRP Manufacturing Co.
Buckeye Rubber Products
Buschman Corp.
Can-Do National Tape Inc.
Cantech Industries
Capitol USA
Capitol Adhesives Inc.
Celia Corp.
General Formulations Inc.
Cellotec Inc.
Chartpak Inc.
Colormark Inc.
Consolidated Graphic Materials Inc.
Convert-A-Tape Inc.
The Crowell Corp.
Crown Plastics Co. Inc.
Custom Tapes Inc.
DeWAL Industries Inc.
Diversified Tape & Graphics Inc.
Dura-Tape International
Eastern Adhesives Inc.
Echo Supply
Elliott Group International
Emtex Inc.
The Exciters Inc.
FLEXcon Inc.
Gaska Tape Inc.
General Bandages Inc.
General Sealants Inc.
General Tape and Supply Co.
Go Tape and Label Inc.
GreenBelt Industries Inc.
Gulf States Asphalt Co. Inc.
Gulf States Specialties Inc.
Harris Industries Inc.
Hecht Rubber Corp.
Holland Manufacturing Co. Inc.
Horizon Tape Products Co.
Hospital Healthcare Systems Inc.
Specialty Tape & Label Inc.
Hy-Tape International Inc.
Industrial Tape & Supply Co.
International Imaging Materials Inc.
Accucote Imaging
International Tape Co.
International Adhesive Coating
Interplex Co.
IR Industries Inc.
American Packaging Specialists Inc.
Jaybird & Mais Inc.
Jessup Manufacturing Co.
Keena Manufacturing Corp.
Kent Adhesive Products Co.
KAPCO
KLEEN-STIK Industries Inc.
Lamart Corp.
Lauren Manufacturing Co.
LePage’s Inc.
Light Fabrications Inc.
Lohmann Technologies Corp.
M&C Specialties Co.
M&R Flexible Packaging Inc.
Main Tape Co. Inc.
MascoTech Inc.
Compac Corp.
Mask-Off Co. Inc.
Medco Coated Products
Neptco Inc.
Novagard Inc.
Foamseal
The October Co. Inc.
Orcon Corp.
Pak-Lite Inc.
PAMCO Printed Tape & Label Co. Inc.
PATCO Corp.
Penmar Industries Inc.
Preferred Tape Inc.
Print & Peel Inc.
Pro Tapes & Specialties Inc.
Quik-Tape Inc.
R Tape Corp.
International Graphic Films Inc.
RBX Corp.
Rempac Foam Corp.
Richards, Parents and Murray Inc.
Ritrama Duramark Inc.
RJM Manufacturing Inc.
TaraTape
RSW Inc.
Rubberlite Inc.
S&S Plastics Inc.
Custom Foam Treatments Inc.
Schnee-Morehead Inc.
Shamrock Scientific Specialty Systems Inc.
Shercon Inc.
Shurtape Technologies Inc.
Sovereign Specialty Chemicals Inc.
SIA Adhesives Inc.
SIA Tanner
Springfield Tape & Label Co. Inc.
Swarco Industries Inc.
T&W Converters Inc.
Taconic
Tape-O Corp.
Tape Specialists
Tape Systems Inc.
Tapecon Inc.
Tapeworks Inc.
Tearstrip Systems Inc.
Thermwell Products Co. Inc.
TimeMed Labeling Systems Inc.
Tri-State Tape & Label Co. Inc.
Uniseal Inc.
Universal Tape Co.
Valley Industrial Products
Vanguard Marketing Inc.
Venture Tape Corp.
Vickery Tape & Label Co.
VIP Tapes, see Valley Industrial Products
W/S Packaging Group
TapeSolutions
WLGroup
Witchcraft Tape Products Inc.
Worthen Industries Inc.
Yamato International Corp.
More than 120 private company profiles are compiled and range from detailed to brief company descriptions. (See Samples)

All companies are individually contacted and the majority of the companies verify the data.

Hard to obtain sales and employment figures, key products and services and an overview of corporate operations are provided.

Harris Industries Incorporated
5181 Argosy Avenue
Huntington Beach, CA  92649
County: Orange
County Code: 06059

Phone: 714-898-8048
Fax: 714-898-7108
Web Address: http://www.harrisind.com

Annual Sales: Employment:
Principal Owner(s): Arthur Enterprises Incorporated
Key Executive: William Helzer, President

Key Products: tapes, labels, flags and signs
Census Code SIC(s): 2241; 2295; 2399; 2672; 2679; 3993; 3999

SIC Description(s): narrow fabric and other smallwares mills: cotton, wool, silk and manmade fiber; coated fabrics, not rubberized; miscellaneous fabricated textile products; miscellaneous coated and laminated paper; miscellaneous converted paper and paperboard products; signs and advertising specialties; miscellaneous manufacturing industries

Harris Industries is a converter and distributor of safety identification products, including adhesive and nonadhesive tapes, labels, flags and signs. The Company also offers tape applicators. Harris Industries is a division of Arthur Enterprises Incorporated (Huntington Beach, California), which manufactures products for the agricultural and horticultural industries. The Company operates two production facilities, with a total of 50,000 square feet of space, located in Huntington Beach, California and Pawtucket, Rhode Island.

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Pressure Sensitive Tapes - Private Companies Report #1385
Brief Company Profile

These profiles give you insight into the operations of private companies, and can help you:

- Identify companies for investment, merger, and/or acquisition opportunities based on size, products, and location.

- Evaluate the position of your competitors based on sales and/or employment figures.

Avon Tape Incorporated
46 North Montello Street
Brockton, MA 02403
County: Plymouth
County Code: 25023

Phone: 508-584-8273
Fax: 508-559-6407
Web Address: http://www.avontape.com

Annual Sales:
Employment:
Key Executive: Howard Shuman, President

Key Products: pressure sensitive tapes, industrial coated tapes and masking tapes

Census Code SIC(s): 2295; 2672

SIC Description(s): coated fabrics, not rubberized; miscellaneous coated and laminated paper

Avon Tape manufactures reinforcing products with pressure sensitive or heat-activated coatings applied to a variety of substrates. The Company’s products include pressure sensitive tapes, industrial coated and masking tapes. The tape products include nylon, cotton, polyester, paper, nonwoven, crepe paper, transfer adhesive, film, MYLAR (DuPont) and foam types and can be single or double coated. Tapes are available in varying thicknesses. The Company operates plants in Brockton, Massachusetts and Leicester, the United Kingdom. Avon Tape primarily serves the shoe manufacturing market, where the tapes are used to reinforce backseams and eyelets, as well as other parts of the shoe.

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Market Overview

The Market Overview Section discusses factors influencing supply and demand, including packaging trends and the outlook for backing materials.

This information helps you:

- Determine what external factors will impact future supply and demand
- Measure your market and sales potential based on supply and demand forecasts.
- Propose new areas for product development based on market trends & innovations.

MARKET OVERVIEW

Applications

Pressure sensitive tapes are used in a wide range of consumer, industrial, commercial and institutional applications. These include packaging-related uses such as corrugated carton sealing, general sealing and packaging, bundling and strapping; and industrial and construction applications such as electrical insulation, assembly of electronic products, assembly of durable goods, pipeline wrapping, splicing, building and various other uses. Consumer-related applications range from general stationery tape uses to medical and surgical applications and disposable hygiene products, among others. The tape industry is also commonly segmented into value-added technical, or specialty, tapes (e.g., medical, industrial, two-sided and sanitary) and commodity, self-wound tapes (e.g., packaging, masking, consumer and office). Many tapes are interchangeable for many uses, although for the purpose of this report, they are classified according to their primary or intended (rather than actual) use.

In 1999, the single largest application for pressure sensitive tapes was carton sealing, with all packaging and shipping uses (e.g., carton sealing, bundling and strapping, and other packaging) accounting for 36 percent of demand. Packaging and shipping applications are also expected to see gains above the market average through 2004, although industrial and construction applications, together, are expected to register slightly faster growth. Forecast gains in this segment represent a sharp dichotomy between highly mature traditional applications (e.g., masking and electrical insulation), in which tapes are vulnerable to alternative technologies, and emerging applications such as electronic component packaging, motor vehicle assembly and other types of industrial bonding in which tapes will continue to supplant other joining methods. Growth in the consumer and medical markets will be driven by increasing demand for medical tapes, but tempered by market maturity in the consumer stationery tape and disposable hygiene markets.

FACTORS AFFECTING TAPES BY CONSTRUCTION

<table>
<thead>
<tr>
<th>Construction</th>
<th>Factors Spurring Growth</th>
<th>Factors Restraining Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double-Coated</td>
<td>New product developments, such as the ability to place different adhesives on each side.</td>
<td>Tape automated bonding in integrated circuit packaging is limited to high-volume applications.</td>
</tr>
<tr>
<td></td>
<td>Development of novel uses (e.g., illuminated signs and reflects fabrication).</td>
<td>Slowing growth in some end-use markets (e.g., construction).</td>
</tr>
<tr>
<td></td>
<td>Rising use in rapidly growing applications such as automotive assembly and flexographic printing.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Substitution of tapes for welding adhesives and mechanical fasteners in the telecommunications and electronics industries.</td>
<td></td>
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</tbody>
</table>

Pressure Sensitive Tapes - Private Companies Report #1385
Industry Structure

Gain a better understanding of your competition and analyze your company’s position in the industry with information about the characteristics of leading pressure sensitive tape manufacturers including total sales, capabilities and regional concentration.

This information helps you:

- Evaluate diversification opportunities based on product lines of other private companies.
- Understand barriers to entry based on industry concentration.
- Develop positioning strategies based on size of competitors.

Rubber

Due to the specialized nature of rubber tapes, fewer private companies participate in this segment. Although a number of producers participate through rubber tapes, such as $15 million BRP Manufacturing and $25 million Gulf States Asphalt, it is more common for producers to offer other tapes in conjunction with rubber-backed types. For example, $20 million Light Fabrications converts and distributes tapes which utilize a variety of materials including rubber; nonwoven, felt, hook and loop, and woven fabrics; copper and aluminum foils; cork; vinyl; polyester, polyamide and other films; and urethane foams.

Some private rubber tape companies produce tapes for fairly specialized end uses. One such firm, $3 million Hy-Tape International, focuses on rubber medical tapes, although its adhesive tapes can also be used in athletics, dance, the theater and law enforcement applications. In contrast, other producers offer rubber tapes for a wide range of uses, such as BRP Manufacturing. The company’s RUBBA TAPE butyl sealant tape is designed primarily for military aircraft applications, but the versatile tape can also be used in buildings, vehicles and watercraft to form a watertight seal; and in trucks and buses to eliminate squeaks and vibrations.

Selected Private Paper Tape Companies

* Sales are 1999 estimates of total corporate sales including products other than paper tape.
Many of the private companies in the $4.8 billion US pressure sensitive tape market produce plastic-, paper-, and/or cloth-backed tapes, as well as specialized tapes fabricated from metal foil and plastic foam.

One private producer had total pressure sensitive tape sales of $150 million in 1999, accounting for three percent of the total US market.

Smaller private firms are able to compete by serving niche markets, such as security shipping, scientific laboratories and libraries.

A number of private participants are active as pressure sensitive tape converters for large public companies, as well as suppliers of raw materials such as pressure sensitive adhesives.

Private pressure sensitive tape producers have frequently been acquisition targets of foreign companies, although a number of public firms have joined the private ranks via acquisition by privately-held tape companies.

US demand for pressure sensitive tapes is forecast to increase five percent per year to over $6 billion in 2004.
The Freedonia Group, Inc. is a leading international industry report/database company.

Since 1985, Freedonia has published over 1,600 titles covering areas such as building materials, chemicals, plastics, industrial components and equipment, household goods, coatings and adhesives, health care, packaging, security, and many other industries.

Private companies reports encompass not only Freedonia’s notable industry forecasts, but also market shares, product information and sales and employment figures for private companies. Corporate analysts are constantly monitoring privately-held companies to provide the most up-to-date and comprehensive profiles. Freedonia is able to gather and prepare this proprietary information based on our reputation as a leading market research firm.

By obtaining Freedonia’s report on private companies in the pressure sensitive tape industry, you will be able to:

- Identify companies for possible investment, merger, and/or acquisition opportunities based on size, products and location.

- Measure your market and sales potential based on demand forecasts.

- Propose new areas for product development based on material trends.

- Develop positioning strategies based on size and geographic location of competitors.

- Evaluate diversification opportunities based on product lines of other private companies.

- Understand barriers to entry based on industry concentration and market shares.
Our Customers

Freedonia’s clients include major US and international companies in the manufacturing, services, consulting and financial sectors.

Typical purchasers of Freedonia studies:

- Key Executives
- Corporate Planners
- Market Researchers
- Financial Analysts
- Information Centers
- New Product Developers
- Merger & Acquisition Specialists

Since 1985 we have provided research to customers ranging in size from global conglomerates to one person consulting firms. More than 90% of the industrial companies in the Fortune 500 use Freedonia research to help with their strategic planning.

Some of Freedonia’s customers in the pressure sensitive tape industry include: MascoTech, Minnesota Mining and Manufacturing and Avery Dennison.

Because Freedonia is a source for reliable information, our forecasts have been cited in numerous publications such as The Financial Times, The Wall Street Journal and Adhesives Age.
Related Studies and Reports

For more information about these or other Freedonia titles, please contact us at:

The Freedonia Group, Inc.
Phone: (440) 684-9600
(800) 927-5900
Fax: (440) 646-0484

Adhesives & Sealants - Private Companies Report
Six private companies had adhesives and sealants sales of at least $100 million in 2000. Another four private firms had related sales of at least $50 million, and 31 others had total sales of $50+ million, including other products. This report profiles 150+ private US firms (e.g., ADCO Global, Binney & Smith, Borden, Franklin Intl., Gardner Asphalt, Henry, Lord, Neste Resins, Sovereign Specialty Chemicals, Vantico). It also includes market share, acquisition reviews, geographic analysis and industry forecasts.
#1401. . . . . . . . . 3/01. . . . . . . . . . $3,200

Adhesives
Demand for adhesives in the US will reach 15.2 billion pounds in 2004. Gains in value demand will benefit from rising raw material costs and a shift to higher priced hot melts and emulsions. Specialty and engineering adhesives will grow the fastest as they find greater use in construction and durables manufacturing, often at the expense of conventional fasteners. This study analyzes the $8.4 billion US adhesives industry to 2004 and 2009 by market and type. It also details market share and profiles key firms.
#1382. . . . . . . . . 1/01. . . . . . . . . . $3,700

World Adhesives
Growth in global demand for adhesives will be driven by favorable activity in the paper and paperboard packaging industry. Total market value will continue to benefit from long term shifts away from commodity adhesives toward more environmentally benign formulations such as hot melts and emulsion polymers. This study analyzes the US $18.6 billion world adhesives industry to 2004 and 2009 by type, market, region and for 27 countries. It also profiles key adhesive suppliers and presents market share data.
#1335. . . . . . . . . 12/00. . . . . . . . . . $4,600

Pressure Sensitive Tapes
US shipments of pressure sensitive adhesive (PSA) tapes will grow over 5% annually. Improved backings and adhesives will allow PSA tapes to further supplant competitive joining methods in packaging, construction, industrial assembly and other uses. A shift in the product mix in favor of value-added specialty and technical tapes will also support gains. This study analyzes the $5 billion US PSA tape industry to 2004 and 2009 by material and type. It also evaluates market share and profiles key industry players.
#1307. . . . . . . . . 8/00. . . . . . . . . . $3,700

World Pressure Sensitive Tapes
The world market for self-adhesive tapes will grow over 6% annually. Tapes will capture a greater share of joining, sealing and bonding applications, while new, high performance tapes find use in novel applications. Packaging will remain the largest market, with polypropylene the most common backing material. This study analyzes the $14 billion world tape industry to 2004 and 2009 by material, type and region, and for 22 individual countries. It also evaluates market share and profiles leading companies.
#1292. . . . . . . . . 7/00. . . . . . . . . . $4,600

World Labels
Demand for labels worldwide will grow over 6% annually. Gains will be driven by expanding packaged consumer goods markets and more value-added labels (e.g., battery testing, tamper-evident, expanded content booklets with coupons, recipes or additional product information). This study analyzes the 20 billion square meter world label market in over 20 countries and six regions. It presents forecasts to 2003 and 2008 by application method and material, evaluates market share and profiles key producers.
#1204. . . . . . . . . 12/99. . . . . . . . . . $4,600

Flavors & Fragrances
Demand for flavors and fragrances in the US will grow over 5% annually, driven by new products that help end users capture market share. Shifts toward higher value products will be offset somewhat by the blends containing less expensive synthetic ingredients. Essential oils will lead gains in the fast growing natural flavor and fragrance market. This study analyzes the $3.3 billion US market for flavors and fragrances to 2004 and 2009 by type and market. It also evaluates market shares and profiles key firms.
#1226. . . . . . . . . 2/00. . . . . . . . . . $3,500

World Labels
Demand for labels worldwide will grow over 6% annually. Gains will be driven by expanding packaged consumer goods markets and more value-added labels (e.g., battery testing, tamper-evident, expanded content booklets with coupons, recipes or additional product information). This study analyzes the 20 billion square meter world label market in over 20 countries and six regions. It presents forecasts to 2003 and 2008 by application method and material, evaluates market share and profiles key producers.
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