

[CLICK TO VIEW](#)

[Table of Contents 2](#)

[List of Tables & Charts 3](#)

[Study Overview 4](#)

[Sample Text, Table & Chart 5](#)

[Sample Profile, Table & Forecast 6](#)

[Order Form 7](#)

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World Labels

Industry Study with Forecasts for **2013 & 2018**

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Table of Contents

EXECUTIVE SUMMARY

MARKET ENVIRONMENT

General	4
World Economic Overview	5
Recent Historical Trends	5
World Economic Outlook	8
World Demographic Outlook	11
World Packaging Outlook	13
World Manufacturing Overview	16
World Consumer Nondurables Trends	17
Food & Beverages	18
Food	19
Beverages	21
World Pharmaceuticals Overview	24
Environmental & Regulatory Overview	27
Environmental Issues	28
Other Regulatory Issues	30
Cost Considerations & Pricing Trends	31
Technological Developments	34
Barcoding	34
Electronic Security	35
RFID & Smart Labels	36
Other Smart Labels	38

WORLD OVERVIEW

General	41
Per Capita Consumption Trends	43
Materials & Technologies	45
Application Methods	46
Pressure Sensitive	47
Wet Glued	50
Other	52
Sleeve	54
In-Mold	55
Other	56
Materials	58
Paper	59
Plastic & Other	61
Plastics	62
Other	66
Printing Technologies	66
Digital	67
Technological Issues	69
Demand by Market	70
Food	71
Beverages	73
Pharmaceuticals	74
Household & Industrial Chemicals	75
Durable Goods	76
Other	77

NORTH AMERICA

General	79
United States	83
Canada	90
Mexico	95

WESTERN EUROPE

General	101
France	108
Germany	115
Italy	122
Netherlands	127
Spain	132
United Kingdom	137
Other Western Europe	145

ASIA/PACIFIC

General	151
Australia	157
China	164
India	171
Indonesia	176
Japan	180
South Korea	186
Taiwan	191
Other Asia/Pacific	195

OTHER REGIONS

Latin America	201
Brazil	204
Other Latin America	210
Eastern Europe	215
Russia	219
Other Eastern Europe	226
Africa/Mideast	231
Turkey	235
Other Africa/Mideast	240

INDUSTRY STRUCTURE

General	246
Market Share	247
Market Leaders	250
Mergers & Acquisitions	252
Cooperative Agreements	256
Manufacturing	257
Marketing	259

COMPANY PROFILES

Ahlstrom Corporation	263
Alcoa Incorporated	265
AMC Pancke	266
Applied Extrusion Technologies	267
Avery Dennison	268
Bemis Company	274
Boise Cascade	277
Boise Incorporated	278
CAPOSA Investments	279
Cartiere Fedrigoni & C.	281
CCL Industries	283
Chesapeake Corporation	287
Clondalkin Group	288
Constantia Packaging	291
Donnelley (RR) & Sons	293
Exxon Mobil	295
FLEXcon Corporation	296
Fort Dearborn	299
Fuji Seal International	300
Green Bay Packaging	302
Groupe CPC	303
Groupe Gascogne	305
HERMA GmbH	306
Huhtamaki Oyj	308
Innovia Films	309
Lintec Corporation	311
Loparex Group	313
Mondi Group	315
Nampak Limited	316
Nitto Denko	318
Nordenia International	319
Paragon Group	321
Prinzhorn Holding	322
RAKO Etiketten	323
Reynolds Packaging	325
Ricoh Company	327
Sappi Limited	328
ScandStick AB	329
Skanem AS	331
Sonoco Products	332
Standard Register	333
Stora Enso	334
3M Company	336
Toppan Printing	339
UPM-Kymmene Corporation	341
WS Packaging Group	344
Other Companies Mentioned in Study	346

List of Tables/Charts

EXECUTIVE SUMMARY

- 1 Summary Table..... 3

MARKET ENVIRONMENT

- 1 World Gross Domestic Product by Region .. 11
- 2 World Population by Region 13
- 3 World Manufacturing Value Added
by Region 17
- 4 World Food & Beverage Manufacturing
Value Added by Region 19
- 5 World Pharmaceutical
Shipments by Region 27

WORLD OVERVIEW

- 1 World Label Demand by Region..... 42
- Cht World Label Demand by Region, 2008 43
- Cht Relationship Between Per Capita
Label Demand & Per Capita
Gross Domestic Product, 2008..... 44
- 2 World Label Demand by Application
Method & Material 46
- Cht World Label Demand by
Application Method, 2008 47
- 3 World Pressure Sensitive Label
Demand by Region 50
- 4 World Wet Glued Label Demand by Region 52
- 5 World Other Label Demand by Region 54
- 6 World Paper Label Demand by Region 61
- 7 World Plastic & Other Label
Demand by Region 62
- 8 World Label Demand by Market 71
- 9 World Food Label Demand by Region 72
- 10 World Beverage Label Demand by Region . 74
- 11 World Pharmaceutical Label
Demand by Region 75
- 12 World Household & Industrial Chemicals
Label Demand by Region 76
- 13 World Durable Goods Label
Demand by Region 77
- 14 World Other Label Demand by Region 78

NORTH AMERICA

- 1 North America -- Label Demand
by Application Method & Material..... 81
- Cht North America -- Label
Demand by Country, 2008..... 82
- 2 North America -- Label Demand by Market 82
- 3 United States -- Label Demand
by Application Method & Material..... 86
- 4 United States -- Label Demand by Market. 88
- 5 Canada -- Label Demand by Application
Method & Material 92

- 6 Canada -- Label Demand by Market..... 93
- 7 Mexico -- Label Demand by Application
Method & Material 98
- 8 Mexico -- Label Demand by Market 99

WESTERN EUROPE

- 1 Western Europe -- Label Demand
by Application Method & Material..... 106
- 2 Western Europe -- Label
Demand by Market 107
- Cht Western Europe -- Label
Demand by Country, 2008..... 108
- 3 France -- Label Demand by Application
Method & Material 112
- 4 France -- Label Demand by Market..... 113
- 5 Germany -- Label Demand by Application
Method & Material 118
- 6 Germany -- Label Demand by Market..... 120
- 7 Italy -- Label Demand by Application
Method & Material 125
- 8 Italy -- Label Demand by Market..... 126
- 9 Netherlands -- Label Demand
by Application Method & Material..... 130
- 10 Netherlands -- Label Demand by Market . 131
- 11 Spain -- Label Demand by Application
Method & Material 135
- 12 Spain -- Label Demand by Market..... 136
- 13 United Kingdom -- Label Demand
by Application Method & Material..... 142
- 14 United Kingdom -- Label
Demand by Market 143
- 15 Other Western Europe -- Label Demand
by Application Method & Material..... 147
- 16 Other Western Europe -- Label
Demand by Market 148

ASIA/PACIFIC

- 1 Asia/Pacific -- Label Demand
by Application Method & Material..... 155
- Cht Asia/Pacific -- Label
Demand by Country, 2008..... 156
- 2 Asia/Pacific -- Label Demand by Market . 157
- 3 Australia -- Label Demand by Application
Method & Material 161
- 4 Australia -- Label Demand by Market 163
- 5 China -- Label Demand by Application
Method & Material 168
- 6 China -- Label Demand by Market..... 170
- 7 India -- Label Demand by Application
Method & Material 174
- 8 India -- Label Demand by Market 175
- 9 Indonesia -- Label Demand by Application
Method & Material 178
- 10 Indonesia -- Label Demand by Market.... 179

- 11 Japan -- Label Demand by Application
Method & Material 184
- 12 Japan -- Label Demand by Market 185
- 13 South Korea -- Label Demand
by Application Method & Material..... 189
- 14 South Korea -- Label Demand by Market. 190
- 15 Taiwan -- Label Demand by Application
Method & Material 193
- 16 Taiwan -- Label Demand by Market 194
- 17 Other Asia/Pacific -- Label Demand
by Application Method & Material..... 198
- 18 Other Asia/Pacific -- Label
Demand by Market 199

OTHER REGIONS

- 1 Latin America -- Label Demand
by Application Method & Material..... 203
- 2 Latin America -- Label
Demand by Market 204
- 3 Brazil -- Label Demand by Application
Method & Material 207
- 4 Brazil -- Label Demand by Market..... 208
- 5 Other Latin America -- Label Demand
by Application Method & Material..... 213
- 6 Other Latin America -- Label
Demand by Market 214
- 7 Eastern Europe -- Label Demand
by Application Method & Material..... 218
- 8 Eastern Europe -- Label
Demand by Market 219
- 9 Russia -- Label Demand by Application
Method & Material 223
- 10 Russia -- Label Demand by Market..... 225
- 11 Other Eastern Europe -- Label Demand
by Application Method & Material..... 229
- 12 Other Eastern Europe -- Label
Demand by Market 230
- 13 Africa/Mideast -- Label Demand
by Application Method & Material..... 234
- 14 Africa/Mideast -- Label
Demand by Market 235
- 15 Turkey -- Label Demand by Application
Method & Material 238
- 16 Turkey -- Label Demand by Market..... 239
- 17 Other Africa/Mideast -- Label Demand
by Application Method & Material..... 243
- 18 Other Africa/Mideast -- Label
Demand by Market 244

INDUSTRY STRUCTURE

- Cht World Label Stock Market Share, 2008.... 250
- 1 Selected Acquisitions & Divestitures..... 254
- 2 Selected Cooperative Agreements..... 257

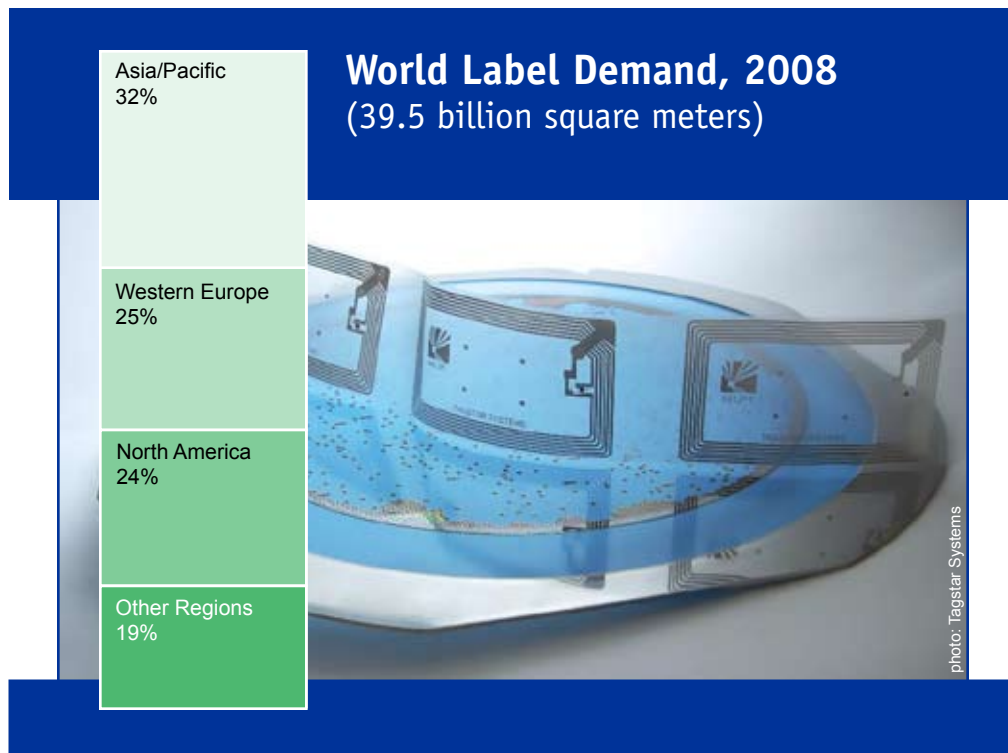
Label products with strong growth will include counterfeit deterrence labels, retail sector RFIDs that allow labels to manage inventory and convey information, and tamper-evident labels.

Global demand to rise 4.3% yearly through 2013

World demand for labels is projected to expand 4.3 percent per year through 2013 to 49 billion square meters. Value demand is expected to grow 5.3 percent per year to \$105 billion. The pressure sensitive segment will continue to see above-average gains, accounting for almost 55 percent of global label demand by 2013. In contrast, wet glued products will not fare as well, with demand even declining in many developed food and beverage markets where plastic containers continue to replace traditional steel cans and glass bottles and jars that utilize wet glued products. Other less significant technologies with favorable outlooks include shrink sleeve, wrap-around film and in-mold labels. Through 2013, plastic labels will continue to register much faster gains than paper labels, which are largely used in wet glued applications.

Asia/Pacific region to expand market share

The Asia/Pacific region will expand its share of the world label market from 32 percent in 2008 to 36 percent in 2013. China and India will account for much of this increase, while Japan will see weak growth. The US will see below-average gains through 2013, but remain strong relative to other developed markets. Western Europe will see a noticeable deceleration in its label market growth, with some highly intensive users of



labels in the region such as Ireland, Scandinavia and the United Kingdom expected to see outright declines. Latin America, Eastern Europe and the Africa/Mideast region, which combined accounted for less than 20 percent of global label demand in 2008, will all see above-average gains through 2013.

Pharmaceutical market to register strong gains

Among the various market segments, the pharmaceutical sector will register particularly strong gains, aided by improving health care in the developing world and an aging population in the developed world. The food and beverage sectors will see weaker gains as a result

of market maturity and stagnant population growth in the developed world, combined with the increasing penetration of cans, pouches and other packaging media that utilize printed product descriptions rather than labels. Label products with strong growth will include counterfeit deterrence labels, retail sector radio frequency identification tags (RFIDs) that allow labels to assume inventory control and management as well as convey information, and tamper-evident labels. Smart labels in general will see healthy growth in safety, security and surveillance applications in areas as diverse as patient monitoring in hospitals, electronic article surveillance in libraries, and next generation military applications.

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Sample Text, Table & Chart

ASIA/PACIFIC

India: Demand by Application Method & Material

In 2008, labels in India represented 1.5 billion square meters, representing per cent of the world average of 1.5 billion square meters, nevertheless for labels in India. Through 2013 to 2018, the market will be aided and growing mid income and growing mid income will continue. However, the currently highly fragmented and disorganized retail the country will start to see increasing foreign investment by international retail chains such as Carrefour (France), Metro Tesco (UK) and Wal-Mart (US) in collaboration with local companies assuming the Indian government opens up the domestic retail market to some extent as expected. This will have a particularly favorable impact on label demand in retail applications (e.g., supermarket display and smart labels).

In volume terms, the Indian market is still dominated by wet glued labels, although pressure sensitive labels will register significantly faster gains through 2013 and become the more important product type. On a value basis, pressure sensitive labels are already more significant than wet glued varieties. Plastic film label sales will outpace paper label sales through 2013 due to a favorable outlook for pressure sensitive, shrink sleeve and wraparound film labels.

Offset printing is the most widely used technology in India's label industry. Gravure is still also significant and registering positive growth, which is not common in most countries. In recent years, strongest growth has come from flexo and combination presses. There is an ongoing shift in industry preference from sheetfed offset and narrow web letterpress to narrow web flexo and combination label presses.

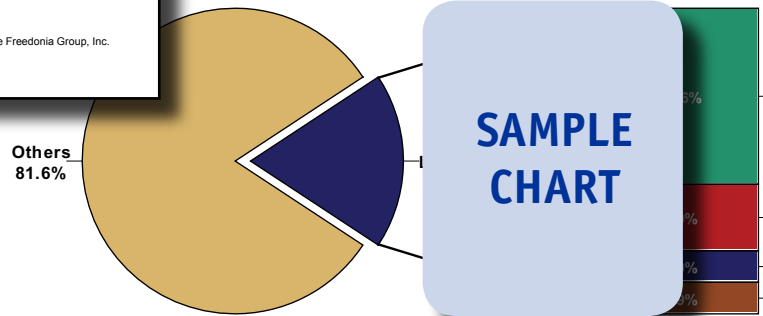
TABLE VI-7

INDIA -- LABEL DEMAND BY APPLICATION METHOD & MATERIAL (million square meters)

Item	1998	2003	2008	2013	2018
Population (mil persons)					1.18
\$ GDP/capita					1,000
Gross Domestic Product (bil 2007\$)					5,500
sq m label/capita					4,100
sq m label/000\$ GDP					1,500
Label Demand					5,500
By Application Method:					
Pressure Sensitive					5,000
Wet Glued					1,000
Other					500
By Material:					
Paper					5,000
Plastic & Other					500

CHART VIII-1

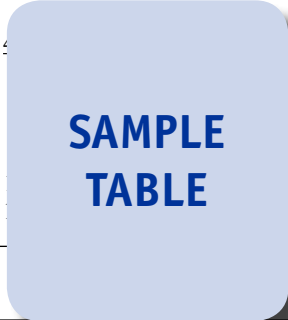
WORLD LABEL STOCK MARKET SHARE, 2008 (\$35 billion)



Sample Profile, Table & Forecast

TABLE VI-8
INDIA -- LABEL DEMAND BY MARKET
 (million square meters)

Item	1998	2003	2008	2013	2018
Label Demand					
Food					
Beverages					
Pharmaceuticals					
Household & Industrial Chemicals					
Durable Goods					
Other					



COMPANY PROFILES

HERMA GmbH
 Fabrikstrasse 16
 70794 Filderstadt
 Germany
 49-711-77020
 http://www.herma.com

Gross Sales: \$ (million) (2008)
 Employment: 1,000 (2008)

Key Products: Labels for labeling applications

SAMPLE PROFILE

HERMA, one of Europe's leading specialists in self-adhesive technologies, develops and produces labeling systems and self-adhesive products. The privately held company operates through three divisions: Labels, Self-Adhesive Materials and Labelling Machines.

The Company participates in the world label industry primarily through the Labels and Self-Adhesive Materials divisions. The Labels division manufactures a broad array of products for the office/consumer and industrial markets. For example, among the division's labels for office and consumer applications are inkjet, laser, photocopy, franking machine, text, seal-type, typewriter, multipurpose, compact disc and caution labels. These labels utilize a range of face materials, including standard paper, glossy paper, film and artificial silk substrates. In January 2009, the division introduced natural white labels made entirely from recycled paper. The division's consumer label products also include decorative stickers and self-adhesive window decorations. HERMA's industrial label products are designed for use in the retail trade, logistics, automotive, pharmaceutical, chemical, electronics and other markets. For example, among the Company's labels for retail trade applications are product identification and organization labels, including pricing, coupon, duplex, rating-plate and HERMADUOPART

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"Gains in label sales to India's pharmaceuticals sector will be bolstered by the country's position as a leading exporter of lower cost generic drugs. A number of local companies, such as Cipla, Dr. Reddy's Laboratories and Ranbaxy Laboratories, have become globally renowned. Indian generic drug manufacturers now produce low cost AIDS drugs for over 50 percent of the one million or so HIV patients taking antiretroviral medicines in developing countries, bolstering the domestic market for pharmaceutical packaging and related labeling products."
 --Section VI, pg. 174

OTHER STUDIES

Active & Intelligent Packaging

This US active and intelligent packaging industry is analyzed in this study. It presents historical demand data (1998, 2003, 2008) and forecasts for 2013 and 2018 by product (e.g., gas scavengers, moisture control, antimicrobial, flavor and fragrance control, self-venting and air-releasing, susceptor, time-temperature indicator, pharmaceutical diagnostic, RFID-enabled) and market (e.g., food, beverages, drugs, electronics). The study also considers market environment factors, details market share and profiles industry players.

#2515 07/2009..... \$4700

Green Packaging

US demand for packaging designed to lessen environmental impact is projected to grow 3.4% annually through 2013. Biodegradable plastic packaging and recycled content plastic packaging will grow the fastest. Reusable plastic containers and intermediate bulk containers will pace gains in the reusable packaging segment. This study analyzes the \$37.2 billion US green packaging industry, with forecasts for 2013 and 2018 by type and market. It also evaluates company market share and profiles industry players.

#2471 03/2009..... \$4700

World Pressure Sensitive Tapes

World demand for pressure sensitive adhesive (PSA) tapes is projected to grow 5% yearly through 2012. Carton sealing tapes will remain dominant, while double-sided and specialty tapes will grow the fastest. Sales in China, India and Eastern Europe will lead gains, while growth in developed countries will be below average. This study analyzes the \$26 billion world PSA tape industry, with forecasts for 2012 and 2017 by type, material, world region and for 22 countries. It also details market share and profiles industry players.

#2451 02/2009..... \$5800

Paper vs Plastic in Packaging

US demand for plastic packaging will continue to outpace paper in markets where they compete, albeit more slowly as applications mature. The fastest market share increases for plastic will occur in pet food and soy beverage packaging, followed by protective packaging, foodservice and dairy products, among others. This study analyzes selected competitive markets in the US for paper and plastic packaging, with forecasts for 2012 and 2017 by material and market. It also discusses market leaders and profiles industry players.

#2443 01/2009..... \$4700

Plastic Film

US demand for plastic film will reach 16 billion pounds in 2012. Gains will reflect film's cost, performance and source reduction advantages over rigid packaging, as well as opportunities in products such as pouches and modified atmosphere packaging. LDPE will remain the top film, while the lower volume degradable plastic segment leads gains. This study analyzes the \$25.4 billion US plastic film industry, with forecasts for 2012 and 2017 by type, application and market. It also evaluates market share and profiles industry players.

#2371 07/2008..... \$4700

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- Chemicals • Plastics • Life Sciences • Packaging • Building Materials • Security & Electronics • Industrial Components & Equipment • Automotive & Transportation Equipment • Household Goods • Energy/Power Equipment

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