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MARKET INTELLIGENCE

**NONWOVENS, IMPREGNATED,
COATED OR COVERED,
OTHER TYPES
(NOT LAMINATED)**

Pub. No.: 92003-IP

June 1992



Canada



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Beverley Friel
Market Intelligence and Technology Opportunities Service
Services to Business Branch
Industry, Science and Technology Canada
235 Queen Street
Ottawa, Ontario
K1A 0H5
Tel.: (613) 954-4970
Fax.: (613) 954-5463

REFERENCE SOURCES

Industry, Science and Technology Canada
Statistics Canada, Tel.: (613) 951-9647
Revenue Canada, Tel.: (613) 954-6920
U.S. Department of Commerce,
Bureau of the Census,
Tel.: (301) 763-7754

EXPLANATORY NOTES

Commodity Classification

Canadian Trade statistics are classified and published according to the International Convention on the Harmonized Commodity and Description Coding System (H.S.), as defined by the Canadian Customs Tariff and Statistical Nomenclature.

Valuation

For Customs purposes, imports are recorded at values established according to the provisions of the Customs Act, which, since January 1, 1985, reflects valuation methods based on the General Agreement on Tariffs and Trade (GATT) Valuation Code System. It generally requires the value for duty of imported goods be equivalent to the transaction value or the price actually paid or payable provided that a number of conditions are met. One of the important conditions is that the buyer and seller must be independent of each other. If the conditions are not met, practical rules are used to determine the Customs value. Therefore, Canadian imports are valued Free on Board (F.O.B.), place of direct shipment to Canada. The Customs value excludes freight and insurance costs in bringing the goods to Canada from the point of direct shipment. Canadian exports to the U.S. are valued F.O.B. point of exit from Canada. Prior to 1990, they were valued F.O.B. place of loading net of freight charges, discounts and allowances.

Rounding

Figures may not add due to rounding.

Canada - U.S. Exchange Rate

The Bank of Canada exchange rates were used to convert U.S. imports reported in \$US to \$Cdn.

Canada - U.S. Reconciliation

Prior to 1989, United States commodity coding was based on the Tariff Schedule of the United States (TSUSA) and comparable data are not available. Starting in January 1989, the Harmonized Commodity Description and Coding System (H.S.) was adopted by the United States. However, Canada and the United States have been exchanging import data only since January 1990 and therefore there may be discrepancies in 1989 between Canadian exports to the United States and United States imports from Canada. As of January 1990, any discrepancy between what Canada reports as exports to the United States and what the United States reports as imports from Canada is minimal resulting from exchange rates.

Abbreviations

KGM - Kilogram
N.E.S. - Not elsewhere specified

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NONWOVENS, IMPREGNATED, COATED OR COVERED, OTHER TYPES (NOT LAMINATED)

I. INTRODUCTION AND SCOPE

This is one of a continuing series of market intelligence reports designed to increase business awareness of the potential existing for production in Canada and to assist businesses and other organizations in their market research of specific products. The detailed information provided in these reports supports studies by organizations seeking to expand existing production lines, change individual product characteristics or engage in new manufacturing investment in Canada. The coverage of a market intelligence report is developed in close consultation with the client, and is tailored to meet their specific requirements. It is important to emphasize that this report does not attempt any assessment as to the feasibility of competing in a particular market.

This report is based on data from several sources. The following is a list of Harmonized System (H.S.) import commodity codes dealing with nonwovens, whether or not impregnated, coated, covered or laminated. This report deals only with nonwovens, impregnated, coated or covered, other types (not laminated) (H.S. 5603.00.90.30). This was a new code in 1990; therefore data are not available for previous years. Other related reports are also listed.

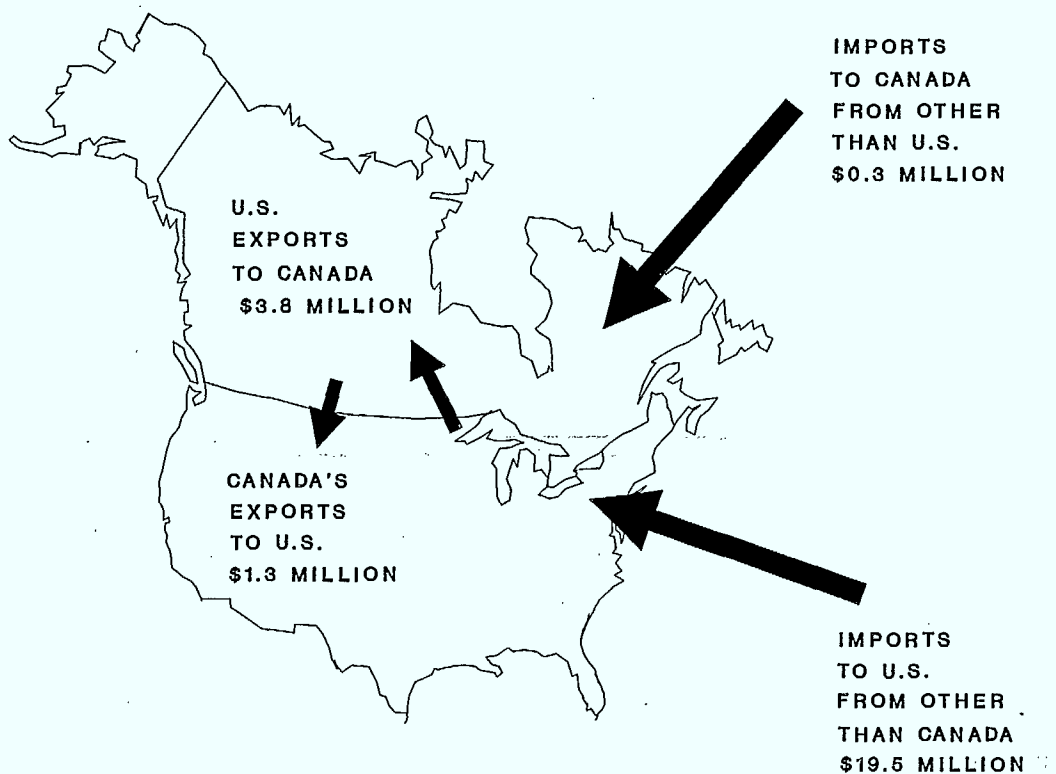
<u>Description</u>	<u>H.S. Commodity Code Analyzed</u>	<u>Related Reports Pub. Nos.</u>
Nonwovens, whether or not impregnated, coated, covered or laminated (H.S. 5603)		
-- Other types (not laminated)	5603.00.90.30	
-- Of polyester (laminated)		91116-IP
-- Of polypropylene (laminated)		91124-IP
-- Other (laminated)		91129-IP

Total imports in 1991 for all of the above products were valued at \$38 million. Imports of nonwovens, impregnated, coated or covered, other types (not laminated) included in this report amounted to \$4.2 million or 11 per cent of the total.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

II. NORTH AMERICAN IMPORTS - 1991

(H.S. 5603.00.90.30 AND 5603.00.90.10⁽¹⁾)



North American Imports - \$19.8 Million*

⁽¹⁾ Canadian and U.S. codes.

* Excludes Canada - U.S. bilateral trade and Mexico.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

III. CANADIAN IMPORT TRENDS

BY MAJOR COUNTRY OF ORIGIN

<u>Country of Origin</u>	<u>1990</u>	<u>1991</u>	<u>Average Annual Growth Rate 1990-91 (%)</u>
United States			
Quantity (KGM)	448 266	572 220	27.7
Value (\$000)	2 199	3 776	71.7
Italy			
Quantity (KGM)	24 160	28 126	16.4
Value (\$000)	132	168	27.1
Japan			
Quantity (KGM)	668	1 823	172.9
Value (\$000)	23	84	259.7
United Kingdom			
Quantity (KGM)	43 147	6 523	-84.9
Value (\$000)	368	60	-83.7
Taiwan			
Quantity (KGM)	2 493	3 272	31.2
Value (\$000)	35	39	9.8
Fed. Rep. of Germany			
Quantity (KGM)	-	797	0.0
Value (\$000)	-	17	0.0
France			
Quantity (KGM)	298	746	150.3
Value (\$000)	2	7	236.1
Mexico			
Quantity (KGM)	467	327	-30.0
Value (\$000)	3	2	-31.5
Sweden			
Quantity (KGM)	-	36	0.0
Value (\$000)	-	1	0.0
Netherlands			
Quantity (KGM)	342	37	-89.2
Value (\$000)	5	1	-84.8
Other			
Quantity (KGM)	2 039	1	-100.0
Value (\$000)	<u>32</u>	<u>-</u>	<u>0.0</u>
Total			
Quantity (KGM)	521 880	613 908	17.6
Value (\$000)	2 799	4 154	48.4

Ranked in descending order by 1991 value.

NONWOVENS, IMPREGNATED, COATED OR COVERED, OTHER TYPES (NOT LAMINATED)

III. CANADIAN IMPORT TRENDS (Cont'd)

MARKET SHARES BY MAJOR COUNTRY OF ORIGIN

<u>Country of Origin</u>	<u>1990</u> %	<u>1991</u> %
United States		
Quantity	85.9	93.2
Value	78.6	90.9
Italy		
Quantity	4.6	4.6
Value	4.7	4.0
Japan		
Quantity	0.1	0.3
Value	0.8	2.0
United Kingdom		
Quantity	8.3	1.1
Value	13.1	1.4
Taiwan		
Quantity	0.5	0.5
Value	1.3	0.9
Fed. Rep. of Germany		
Quantity	-	0.1
Value	-	0.4
France		
Quantity	0.1	0.1
Value	0.1	0.2
Mexico		
Quantity	0.1	0.1
Value	0.1	0.0
Sweden		
Quantity	-	0.0
Value	-	0.0
Netherlands		
Quantity	0.1	0.0
Value	0.2	0.0
Other		
Quantity	0.4	0.0
Value	<u>1.1</u>	<u>0.0</u>
Total		
Quantity	100.0	100.0
Value	100.0	100.0

Ranked in descending order by 1991 value.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

III. CANADIAN IMPORT TRENDS (Cont'd)

**AVERAGE UNIT PRICES BY MAJOR COUNTRY OF ORIGIN
(\$ per KGM)**

<u>Country of Origin</u>	<u>1990</u>	<u>1991</u>
United States	4.91	6.60
Italy	5.46	5.96
Japan	34.89	45.98
United Kingdom	8.52	9.19
Taiwan	14.16	11.85
Fed. Rep. of Germany	-	20.92
France	7.48	10.04
Mexico	5.87	5.74
Sweden	-	34.81
Netherlands	16.07	22.62
Other	<u>15.50</u>	<u>-</u>
All Countries	5.36	6.77

Ranked in descending order by 1991 value.

NONWOVENS, IMPREGNATED, COATED OR COVERED, OTHER TYPES (NOT LAMINATED)

III. CANADIAN IMPORT TRENDS (Cont'd)

BY PROVINCE OF CLEARANCE

<u>Province of Clearance</u>	<u>1990</u>	<u>1991</u>	<u>Average Annual Growth Rate 1990-91 (%)</u>
Ontario			
Quantity (KGM)	250 270	304 944	21.8
Value (\$000)	1 310	2 176	66.1
New Brunswick			
Quantity (KGM)	71 360	108 664	52.3
Value (\$000)	383	714	86.5
Québec			
Quantity (KGM)	115 841	95 360	-17.7
Value (\$000)	790	596	-24.6
Alberta			
Quantity (KGM)	16 092	66 465	313.0
Value (\$000)	124	479	286.7
British Columbia			
Quantity (KGM)	1 531	34 125	2 128.9
Value (\$000)	8	128	1 442.2
Manitoba			
Quantity (KGM)	66 729	4 208	-93.7
Value (\$000)	183	59	-67.9
Saskatchewan			
Quantity (KGM)	58	141	143.1
Value (\$000)	<u>1</u>	<u>2</u>	<u>200.7</u>
Total			
Quantity (KGM)	521 880	613 908	17.6
Value (\$000)	2 799	4 154	48.4

Ranked in descending order by 1991 value.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

III. CANADIAN IMPORT TRENDS (Cont'd)

MARKET SHARES BY PROVINCE OF CLEARANCE

<u>Province of Clearance</u>	<u>1990</u> %	<u>1991</u> %
Ontario		
Quantity	48.0	49.7
Value	46.8	52.4
New Brunswick		
Quantity	13.7	17.7
Value	13.7	17.2
Québec		
Quantity	22.2	15.5
Value	28.2	14.3
Alberta		
Quantity	3.1	10.8
Value	4.4	11.5
British Columbia		
Quantity	0.3	5.6
Value	0.3	3.1
Manitoba		
Quantity	12.8	0.7
Value	6.6	1.4
Saskatchewan		
Quantity	0.0	0.0
Value	<u>0.0</u>	<u>0.1</u>
Total		
Quantity	100.0	100.0
Value	100.0	100.0

Ranked in descending order by 1991 value.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

III. CANADIAN IMPORT TRENDS (Cont'd)

**AVERAGE UNIT PRICES BY PROVINCE OF CLEARANCE
(\$ per KGM)**

<u>Province of Clearance</u>	<u>1990</u>	<u>1991</u>
Ontario	5.24	7.14
New Brunswick	5.36	6.57
Québec	6.82	6.25
Alberta	7.69	7.20
British Columbia	5.44	3.76
Manitoba	2.75	13.98
Saskatchewan	<u>12.59</u>	<u>15.57</u>
All Provinces	5.36	6.77

Ranked in descending order by 1991 value.

NONWOVENS, IMPREGNATED, COATED OR COVERED, OTHER TYPES (NOT LAMINATED)

IV. CANADIAN IMPORTERS

There were 46 known importers in 1990. The principal ten importers accounted for 89 per cent of the total import value.

<u>Principal Importers</u> (No.)	<u>Cumulative Value</u> (\$000)	<u>Cumulative % of Total Value</u>
3	1 964	70
6	2 252	80
10	2 494	89
15	2 612	93
25	2 735	98
All Importers (46)	2 799	100

The principal importers during 1990 are listed below in alphabetical order. This list does not include individuals. The importer is not necessarily the end-user of the product.

<u>Name</u>	<u>Location</u>	<u>Name</u>	<u>Location</u>
Appleton Papers Canada Ltd.	Peterborough, Ont.	Jodhan Press Inc.	Montréal, Qué.
Berkline Canada Ltd.	Anjou, Qué.	Kanuk Equipments de Pleine Nature Inc.	Montréal, Qué.
Black & Decker Canada 1989 Inc.	Montréal, Qué.	Kappler Canada Ltd.	Brantford, Ont.
Brant Packaging and Manufacturing Ltd.	Brantford, Ont.	Liures BM Ltée, Les	Montréal, Qué.
Chaussures de Luca Inc.	Montréal, Qué.	Mastico Industries Ltd.	Tillsonburg, Ont.
Comfort Furniture Div. of Palliser Furniture Ltd.	Winnipeg, Man.	Perfect Fit Manufacturing Ltd.	Calgary, Alta.
Daigle Lumber Ltd.	Boucherville, Qué.	Pigmalion Services Ltd.	Mississauga, Ont.
Eastmanchem Inc.	Markham, Ont.	Spar Roofing Supplies Limited	Toronto, Ont.
Elite Counters & Supplies Ltd.	Concord, Ont.	Universal Package Corporation	Montréal, Qué.
Emhart Canada Ltd. Administrative Office	Montréal, Qué.	USM Canada Ltd.	Anjou, Qué.
Gemini Fashions of Canada Ltd.	Winnipeg, Man.	Wakefield International Seating Inc.	Cambridge, Ont.
Grand Footwear Inc.	Montréal, Qué.	Wrisco Ltd.	Markham, Ont.
Hunter Douglas Canada Limited	Pointe-Claire-Dorval, Qué.		

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

V. FOREIGN EXPORTERS TO CANADA

Major exporters to Canada are listed in descending order of dollar value. These exporters accounted for 90 per cent of the total value of Canadian imports during 1990.

<u>Country of Origin</u>	<u>Name of Foreign Exporter</u>	<u>1990 Value of Exports to Canada</u> (\$000)
United States	Reemay Inc.	1 722*
United Kingdom	British United Shoe Machinery	
United States	Emhart Materials UK Ltd.	275*
	Dixie Verticals	
Italy	Dreemay Inc.	276*
	Appleton Papers Inc.	
	Forestali Srl.	
United States	Tennessee Eastman Co.	136*
	Avery Soabar Products	
	Ergon Nonwovens Inc.	
Italy	Tecnogi Spa	21
United States	Globe Industries Inc.	52*
	US Intec Inc.	
	Reliance Products	
United Kingdom	Deitsch International Sales	33*
	John Holdsworth Co. Ltd.	
	Icalplast S.P.A.	
TOTAL		2 515

* Aggregated to preserve confidentiality of Canadian importers.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

VI. CANADIAN SHIPMENTS

According to Statistics Canada, nonwovens, impregnated, coated or covered, other types (not laminated) in this report are made in Canada. However, for reasons of confidentiality, separate data on shipments by Canadian establishments are not available.

Any enquiries and/or comments regarding Canadian shipments should be directed to:

Statistics Canada
Industry Division
Survey of Manufactures Section
Ottawa, Ontario
K1A 0T6
Tel.: (613) 951-3510

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

**VII. CANADIAN EXPORTS BY MAJOR COUNTRY OF DESTINATION
(H.S. 5603.00)**

1989		1990		1991	
<u>Country</u>	<u>Value</u> (\$000)	<u>Country</u>	<u>Value</u> (\$000)	<u>Country</u>	<u>Value</u> (\$000)
U.S.	6 349	U.S.	11 209	U.S.	14 185
Netherlands	409	Taiwan	962	Hong Kong	266
Taiwan	289	S. Korea	411	Taiwan	158
U.K.	218	Sweden	399	U.K.	154
France	78	France	326	Switzerland	140
Australia	50	Hong Kong	174	Sweden	102
Mexico	37	Australia	162	W.Germany	100
Costa Rica	19	Netherlands	102	Mexico	55
Panama	15	W.Germany	93	Australia	53
Norway	3	Belgium	90	France	34
Other	<u>4</u>	Other	<u>195</u>	Other	<u>27</u>
Total	7 471		14 125		15 272

NOTES: Major countries in descending order based upon value.

Canadian export data are not available for nonwovens, impregnated, coated or covered, other types (not laminated) but are included in H.S. 5603, nonwovens, whether or not impregnated, coated, covered or laminated.

NONWOVENS, IMPREGNATED, COATED OR COVERED, OTHER TYPES (NOT LAMINATED)

VIII. CANADIAN SUPPLIERS

The following lists are taken from two sources: a) the Business Opportunities Sourcing System (BOSS), a computerized data bank established by the Federal Department of Industry, Science and Technology Canada; and, b) the Canadian Trade Index, published by the Canadian Manufacturers' Association (CMA). These lists may not include all suppliers of the products in question, as companies must themselves register in BOSS or the Canadian Trade Index. In both cases, information on Canadian products supplied is as given by the companies.

BOSS

Companies are arranged in alphabetical order.

Fabrics, Nonwoven

<u>Name</u>	<u>Location</u>
*Albarrie Canada Ltd.	Barrie, Ont.
*Barrday Inc.	Cambridge, Ont.

Fabrics, Coated, N.E.S., Broad

<u>Name</u>	<u>Location</u>
*Albarrie Canada Ltd.	Barrie, Ont.
*Barrday Inc.	Cambridge, Ont.
Newlands Inc.	Cambridge, Ont.
Twinpak Inc.	Dorval, Qué.

Any enquiries and/or comments regarding the BOSS list should be directed to:

Business Opportunities Sourcing System
Industry, Science and Technology Canada
235 Queen Street
Ottawa, Ontario K1A 0H5
Tel.: (613) 954-5031
Telex: 053-4123
Fax.: (613) 954-1894

* Company engaged in export trade.

Note: There are no companies listed in BOSS or the Canadian Trade Index that are specific to nonwovens, impregnated, coated or covered, other types (not laminated). However, the following are lists of suppliers of fabrics, nonwoven and fabrics, coated, N.E.S., Broad.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

VIII. CANADIAN SUPPLIERS (Cont'd)

CANADIAN TRADE INDEX

Companies are arranged in alphabetical order.

Fabrics, Nonwoven

<u>Name</u>	<u>Location</u>
*Albarrie Canada Ltd.	Barrie, Ont.
*Bay Mills Ltd.	St. Catharines, Ont.
Code Felt Ltd.	Perth, Ont.
Collins & Aikman	Farnham, Ont.
Dominion Textile Inc.	Hawkesbury, Ont.
Doubletex Inc.	Toronto, Ont.
Filterfab Inc.	St. Catharines, Ont.
Freudenberg Nonwovens Inc.	Cornwall, Ont.
Johnson & Johnson Inc.	Montréal, Qué.
Mackay Specialties Canada Ltd.	Toronto, Ont.
Matador Convertisseurs Cie Ltée	Montréal, Qué.
*Nolar Industries Ltd.	Concord, Ont.
Porritts & Spencer Filtration Ltd.	Vaudreuil, Qué.
Stearns Canada Inc.	Mississauga, Ont.

Any enquiries and/or comments regarding the Canadian Trade Index list should be directed to:

The Canadian Manufacturers' Association
4th Floor
75 International Boulevard
Etobicoke, Ontario
M9W 6L9
Tel.: (416) 798-8000
Fax.: (416) 798-8050

* Company engaged in export trade.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

IX. UNITED STATES IMPORTS

BY MAJOR COUNTRY OF ORIGIN

(H.S. 5603.00.90.10)

Imports into the United States for nonwovens, impregnated, coated or covered, other types (not laminated) are as follows:

<u>Country of Origin</u>	<u>1990</u>	<u>1991</u>	<u>Average Annual Growth Rate 1990-91 (%)</u>
Japan			
Quantity (000 KGM)	295	216	-26.9
Value (\$000)	23 060	16 191	-29.8
United Kingdom			
Quantity (000 KGM)	352	228	-35.1
Value (\$000)	3 641	2 165	-40.5
Canada			
Quantity (000 KGM)	2 395	2 085	-12.9
Value (\$000)	1 406	1 325	-5.8
Netherlands			
Quantity (000 KGM)	85	77	-10.5
Value (\$000)	516	389	-24.5
Italy			
Quantity (000 KGM)	9	28	203.1
Value (\$000)	204	304	49.0
Fed. Rep. of Germany			
Quantity (000 KGM)	30	10	-66.4
Value (\$000)	405	196	-51.6
Niger			
Quantity (000 KGM)	-	2	0.0
Value (\$000)	-	49	0.0
Belgium			
Quantity (000 KGM)	3	1	-61.7
Value (\$000)	33	43	29.9
Sweden			
Quantity (000 KGM)	9	3	-72.6
Value (\$000)	17	39	123.8
Finland			
Quantity (000 KGM)	-	5	0.0
Value (\$000)	-	26	0.0
Other			
Quantity (000 KGM)	90	23	-75.0
Value (\$000)	71	30	-57.2
Total			
Quantity (000 KGM)	3 269	2 677	-18.1
Value (\$000)	29 353	20 757	-29.3

NOTES: Ranked in descending order by 1991 value.
Canada ranked 3 overall.
Source: U.S. Department of Commerce.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

IX. UNITED STATES IMPORTS (Cont'd)

MARKET SHARES BY MAJOR COUNTRY OF ORIGIN

(H.S. 5603.00.90,10)

<u>Country of Origin</u>	<u>1990</u> %	<u>1991</u> %
Japan		
Quantity	9.0	8.1
Value	78.6	78.0
United Kingdom		
Quantity	10.8	8.5
Value	12.4	10.4
Canada		
Quantity	73.3	77.9
Value	4.8	6.4
Netherlands		
Quantity	2.6	2.9
Value	1.8	1.9
Italy		
Quantity	0.3	1.1
Value	0.7	1.5
Fed. Rep. of Germany		
Quantity	0.9	0.4
Value	1.4	0.9
Niger		
Quantity	-	0.1
Value	-	0.2
Belgium		
Quantity	0.1	0.0
Value	0.1	0.2
Sweden		
Quantity	0.3	0.1
Value	0.1	0.2
Finland		
Quantity	-	0.2
Value	-	0.1
Other		
Quantity	2.8	0.8
Value	<u>0.2</u>	<u>0.1</u>
Total		
Quantity	100.0	100.0
Value	100.0	100.0

NOTES: Ranked in descending order by 1991 value.
Canada ranked 3 overall.
Source: U.S. Department of Commerce.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

IX. UNITED STATES IMPORTS (Cont'd)

AVERAGE UNIT PRICES BY MAJOR COUNTRY OF ORIGIN

(H.S. 5603.00.90.10)

(\$ per KGM)

<u>Country of Origin</u>	<u>1990</u>	<u>1991</u>
Japan	78.04	74.99
United Kingdom	10.35	9.48
Canada	0.59	0.64
Netherlands	6.03	5.09
Italy	21.96	10.79
Fed. Rep. of Germany	13.53	19.47
Niger	-	25.73
Belgium	11.92	40.46
Sweden	1.84	15.08
Finland	-	5.12
Other	0.78	1.34
All Countries	8.98	7.75

NOTES: Ranked in descending order by 1991 value.

Canada ranked 3 overall.

Source: U.S. Department of Commerce.

NONWOVENS, IMPREGNATED, COATED OR COVERED, OTHER TYPES (NOT LAMINATED)

IX. UNITED STATES IMPORTS (Cont'd)

BY CUSTOMS DISTRICT OF ENTRY

(H.S. 5603.00.90.10)

Imports into the United States for nonwovens, impregnated, coated or covered, other types (not laminated) are as follows:

<u>Customs District Of Entry</u>	<u>1990</u>	<u>1991</u>	<u>Average Annual Growth Rate 1990-91 (%)</u>
Savannah, Georgia			
Quantity (000 KGM)	196	143	-27.2
Value (\$000)	13 152	10 345	-21.3
New York City, New York			
Quantity (000 KGM)	106	44	-58.5
Value (\$000)	6 590	3 421	-48.1
St. Albans, Vermont			
Quantity (000 KGM)	353	384	8.6
Value (\$000)	2 933	1 647	-43.8
Los Angeles, California			
Quantity (000 KGM)	26	16	-37.0
Value (\$000)	1 736	1 103	-36.5
Boston, Massachusetts			
Quantity (000 KGM)	60	83	38.8
Value (\$000)	900	742	-17.6
Wilmington, North Carolina			
Quantity (000 KGM)	7	10	46.7
Value (\$000)	463	634	37.0
San Francisco, California			
Quantity (000 KGM)	75	77	3.2
Value (\$000)	790	553	-30.1
Detroit, Michigan			
Quantity (000 KGM)	1 141	620	-45.7
Value (\$000)	688	507	-26.3
Buffalo, New York			
Quantity (000 KGM)	937	765	-18.4
Value (\$000)	562	434	-22.7
Cleveland, Ohio			
Quantity (000 KGM)	3	9	179.9
Value (\$000)	297	360	21.2
Other			
Quantity (000 KGM)	366	527	44.1
Value (\$000)	<u>1 242</u>	<u>1 011</u>	<u>-18.6</u>
Total			
Quantity (000 KGM)	3 269	2 677	-18.1
Value (\$000)	29 353	20 757	-29.3

NOTES: Ranked in descending order by 1991 value.

Source: U.S. Department of Commerce.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

IX. UNITED STATES IMPORTS (Cont'd)

MARKET SHARES BY CUSTOMS DISTRICT OF ENTRY

(H.S. 5603.00.90.10)

<u>Customs District Of Entry</u>	<u>1990 %</u>	<u>1991 %</u>
Savannah, Georgia		
Quantity	6.0	5.3
Value	44.8	49.8
New York City, New York		
Quantity	3.2	1.6
Value	22.4	16.5
St. Albans, Vermont		
Quantity	10.8	14.3
Value	10.0	7.9
Los Angeles, California		
Quantity	0.8	0.6
Value	5.9	5.3
Boston, Massachusetts		
Quantity	1.8	3.1
Value	3.1	3.6
Wilmington, North Carolina		
Quantity	0.2	0.4
Value	1.6	3.1
San Fransisco, California		
Quantity	2.3	2.9
Value	2.7	2.7
Detroit, Michigan		
Quantity	34.9	23.2
Value	2.3	2.4
Buffalo, New York		
Quantity	28.7	28.6
Value	1.9	2.1
Cleveland, Ohio		
Quantity	0.1	0.3
Value	1.0	1.7
Other		
Quantity	11.2	19.7
Value	<u>4.2</u>	<u>4.9</u>
Total		
Quantity	100.0	100.0
Value	100.0	100.0

NOTES: Ranked in descending order by 1991 value.

Source: U.S. Department of Commerce.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

IX. UNITED STATES IMPORTS (Cont'd)

**AVERAGE UNIT PRICES BY CUSTOMS DISTRICT OF ENTRY
(H.S. 5603.00.90.10)
(\$ per KGM)**

<u>Customs District Of Entry</u>	<u>1990</u>	<u>1991</u>
Savannah, Georgia	66.96	72.39
New York City, New York	62.42	78.10
St. Albans, Vermont	8.30	4.29
Los Angeles, California	66.33	66.84
Boston, Massachusetts	15.04	8.94
Wilmington, North Carolina	71.01	66.30
San Fransisco, California	10.60	7.18
Detroit, Michigan	0.60	0.82
Buffalo, New York	0.60	0.57
Cleveland, Ohio	97.02	42.01
Other	<u>3.40</u>	<u>1.92</u>
Total U.S.	8.98	7.75

NOTES: Ranked in descending order by 1991 value.

Source: U.S. Department of Commerce.

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

X. TARIFFS

CANADIAN

Canadian imports included in this report are dutiable under the following Canadian tariff item:

<u>Tariff Item</u>	<u>Description of Goods</u>	<u>Tariff Treatment - 1992</u>		
		<u>Most Favoured Nation Tariff</u>	<u>General Preferential Tariff</u>	<u>United States Tariff</u>
	Nonwovens whether or not impregnated, coated, covered or laminated:			
5603.00.90	Other, impregnated, coated or covered	24.8%	24.8%	14.8%

TARIFF ARRANGEMENTS AND FOREIGN COUNTRIES OF EXPORT

Exporting countries as shown in this report which qualify for the Most Favoured Nation tariff treatment: Federal Republic of Germany, France, Italy, Japan, Netherlands, Sweden, Taiwan, United Kingdom, United States.

Exporting country as shown in this report which qualifies for the Most Favoured Nation tariff treatment or General System of Preference tariff treatment (In order to qualify for the General System of Preference, a special certificate of origin is required.): Mexico.

Enquiries concerning Canadian tariffs should be directed to the nearest Customs and Excise office or to:

Tariff Programs
Revenue Canada
Customs and Excise
Ottawa, Ontario
K1A 0L5
Tel.: (613) 954-7178
Fax.: (613) 954-2509

**NONWOVENS, IMPREGNATED, COATED OR COVERED,
OTHER TYPES (NOT LAMINATED)**

X. TARIFFS (Cont'd)

UNITED STATES

United States imports included in this report are dutiable under the following U.S. tariff item:

<u>Tariff Item</u>	<u>Description of Goods</u>	<u>Rates of Duty - 1992</u>		
		<u>General</u>	<u>1</u>	<u>2</u>
	Nonwovens; whether or not impregnated, coated or laminated:			
5603.00.90	Other	12.5%	Free (B,IL)* 7.5% (CA)**	74%

- 1 Automotive Products Trade Act B
United States-Canada Free-Trade Agreement CA
United States-Israel Free Trade Area IL

- 2 Notwithstanding any other provisions, the rates of duty shall apply to products, whether imported directly or indirectly, of the following countries and areas pursuant to section 401 of the Tariff Classification Act of 1962, to section 231 or 257(e)(2) of the Trade Expansion Act of 1962, to section 404(a) of the Trade Act of 1974 or to any other applicable section of law, or to action taken by the President thereunder:

Afghanistan	German Democratic	Mongolia
Albania	Republic (former)	North Korea
Bulgaria	Kampuchea	Romania
Cuba	Laos	Union of Soviet Socialist
Czechoslovakia	Latvia	Republics (former)
Estonia	Lithuania	Vietnam

FOREIGN COUNTRIES

Enquiries concerning tariffs and other government trade regulations in foreign countries should be directed to:

Info Export
External Affairs
Ottawa, Ontario K1A 0G2
Tel.: (613) 993-6435 or 1-800-267-8376
Fax.: (613) 996-9709

* Duty on certain nonwovens temporarily suspended. See U.S. Note 11 of subchapter II, chapter 99, and subheading 9902.56.03.

** Duty on certain nonwovens modified. See subheadings 9905.56.10 and 9905.56.20.

NONWOVENS, IMPREGNATED, COATED OR COVERED, OTHER TYPES (NOT LAMINATED)

XI. MARKET OVERVIEW

The Canadian nonwoven fabrics market rose 13.6 per cent in 1989 from the previous year, moving up from 66.4 million kilograms of fabrics in 1988 to 75.5 million kilograms in 1989. Higher domestic shipments and imports from a year ago accounted for the year-to-year market increase. Compared with 1983, the market was some 60.6 per cent higher with year-to-year increases recorded consistently during the six-year period.

Canadian-made nonwoven fabrics were distributed among its five markets as follows: industrial market, 40 per cent, export market, 34.6 per cent, consumer market, 14.8 per cent, household market, 9.3 per cent and medical market, 1.2 per cent.

Exports of nonwovens dropped 5.2 per cent to 27.7 million kilograms in 1989 from the previous year. Export markets in 1989 accounted for 34.6 per cent of Canadian shipments, down 3.1 percentage points from the previous year, exports were 49.2 per cent higher in 1989 than six years ago in 1983.

Domestic shipments to the industrial, consumer, household and medical markets in Canada, rising 8.2 per cent from the previous year, reached 52.2 million kilograms in 1989. Their overall market share slipped from 72.6 per cent in 1988 to 69.2 per cent in 1989. Some 88.5 per cent of Canadian-made nonwovens shipped to Canadian converters was consumed in durable end-uses such as automotive parts and geotextiles, and the remaining 11.5 per cent was used up in disposable end-uses such as baby diapers, personal hygiene products, and wipes of all types. Domestic shipments of nonwovens for durable end-uses were up 11.1 per cent from the previous year. Those for disposable end-uses were down just under 1 per cent from the previous year. In the six-year period of 1983-1989, domestic shipments, rising consistently year after year, was up 27 per cent.

Leslie Kumar-Misir
Textiles and Leather Directorate

NONWOVENS, IMPREGNATED, COATED OR COVERED, OTHER TYPES (NOT LAMINATED)

XII. dISTCcovery - TECHNOLOGY LICENSING OPPORTUNITIES

dISTCcovery is an ISTC service designed to create industry awareness of the world-wide supply of transferable technology available through licensing and joint ventures.

dISTCcovery provides access to international data bases containing thousands of licensing offers for new products, processes and technologies originating from around the world.

dISTCcovery introduces you to companies and organizations from around the world who are willing to licence the right to manufacture and sell their product or use their process or know-how in an agreed market area. The reverse is also possible. A Canadian company can also use dISTCcovery to promote their unique product or process for licensing internationally.

The following is a list of licensing opportunities identified from dISTCcovery using the keywords "non woven*" and "nonwoven* non-woven*".

- 1- Manufacture of Non-wovens by the Drylead Process
- 2- Processing Methods for Synthetic Fibres: PAM6-PES
- 3- Processes & Machinery for the Production of Non-woven Products

For more information on these and other opportunities, contact the nearest ISTC Regional Office listed at the end of this publication or the Market Intelligence and Technology Opportunities Service at (613) 954-4040.



dISTCcovery

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FOR MORE INFORMATION PLEASE CONTACT:

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Opportunities Service
Services to Business Branch
Industry, Science and Technology Canada
235 Queen Street
Ottawa, Ontario
K1A 0H5
Tel.: (613) 954-4970
Fax.: (613) 954-5463

OR Textiles and Leather Directorate
Consumer Products Branch
Industry, Science and Technology Canada
235 Queen Street
Ottawa, Ontario
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Fax.: (514) 283-3302

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Fax.: (709) 772-5093

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P.O. Box 1115
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Fax.: (902) 566-7450

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1 Front Street West, 4th Floor
Toronto, Ont. M5J 1A4
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Fax.: (416) 973-8714

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ISTC
Central Guaranty Trust Tower
1801 Hollis Street, 5th Floor
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Fax.: (902) 426-2624

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Fax.: (506) 851-6429

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R3C 2V2
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Fax.: (204) 983-2187

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S7K 5X2
Tel.: (306) 975-4386
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650 West Georgia St.
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Calgary, Alta. T2P 3S2
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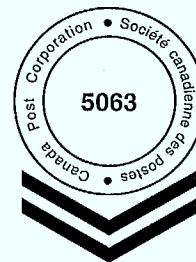
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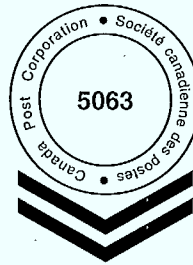
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