

November 1989

Fiber Organon

A Monthly Review
Formerly *Textile Organon*

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Features

**FIBER ECONOMICS
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1989 DIRECTORY OF AMERICAN FIBER MANUFACTURERS

NOTES & DEFINITIONS

This directory of producers is divided into the following categories:

- (1) Artificial (Cellulosic) and Synthetic (Noncellulosic) Fibers
- (2) Olefin Fiber
- (3) Glass Fiber

The locality shown represents a plant site. Unless shown separately, the Head Sales Office address is the same as the Executive Office address.

The generic fiber names used in this survey are those established by the U.S. Federal Trade Commission (FTC). The *italicized* words are trademarks. All other fiber names are generic and appear in regular type.

- Indicates a company producing olefin fiber as well as other manufactured fiber(s). For example, Ametek produces olefin fiber (page 244) as well as nylon, polyester and saran.
- * Indicates a new plant, in the planning stage or under construction, or a new facility for producing a new product at an existing plant. Such facilities are not expected to be operable before 1990.

Yarn means filament yarn.

Monofil means an extruded monofilament and may be either a round or a rectangular (ribbon) cross-section. Monofilaments for bristles are excluded.

Film includes **Slit**: tape produced by slitting an already-attenuated wide sheet of olefin film; and **Split**: fibrillated slit film.

Not included in this survey is the slit film used for decorative or tying ribbon and such.

Rope includes braided and twisted rope as well as filler or core fiber. **Cordage** is under 3/16" and includes tying and harvest (baler and binder) twine.

Industrial Goods means bags, bale wrap and protective covers, agricultural cloth, tarps and pool covers, etc.

Captive means that most or all of the fiber produced is consumed by the company in a vertical operation.

GENERIC NAMES

The following are generic names, in **bold** type, and a brief description of the fibers covered by each name shown in regular type.

GLASS FIBER

This fiber is made in two primary forms: continuous strand and staple sliver. Continuous strand is drawn fiber (i.e., from a textile-type bushing), while staple sliver, which is produced in relatively small amounts, is a blown fiber. Glass fiber thus **does not** include the substantial quantities of blown glass wool and pack, e.g., mat for air & liquid filtration, acoustical & thermal insulation, battery mats & separators and underground pipe wrap (except reinforcing).

Yarn & Strand: Continuous filament yarn and strand packaged for sale as such. Includes the yarn and strand used in the manufacture of nonwoven scrim for sale as such.

Roving: Two or more ends of untwisted strand. Includes spun strand roving (a single, continuous strand looped back on itself

to give the equivalent of two or more strands) and roving for making woven roving

Mat: Mat in any nonwoven form as made from a continuous filament, i.e., continuous strand mat (filaments bonded with a suitable binder to form a membrane) and chopped strand mat (1/2" to 3" strands deposited in a random manner and resin bonded).

Chopped: Chopped yarn, strand or roving (1/4" to 3-3/4" length). **Milled**: Hammer-milled yarn, strand or roving (1/32" to 1/4" length).

Staple Yarn & Sliver: A blown fiber, as noted, and means ribbons of generally parallel glass staple (3" to 15" random lengths) with or without a filament yarn reinforcement, with or without a binder, and slightly condensed to an approximately uniform cross section.

ARTIFICIAL (CELLULOSIC) FIBERS

Acetate: Artificial (cellulosic) acetate. Cigarette filtration tow is excluded.

Triacetate: Cellulose acetate, wherein not less than 92% of the hydroxyl groups are acetylated.

Rayon: Regenerated cellulose, including substitutions for not more than 15% of the hydrogens of the hydroxyl groups. Includes high wet modulus fiber.

Cupra: Cuprammonium rayon.

The viscose rayon yarns are identified as **ind** (industrial or high tenacity yarn) and **reg** (regular or textile yarn).

SYNTHETIC (NONCELLULOSIC) FIBERS

Acrylic: At least 85% acrylonitrile by weight.

Modacrylic: 35% to 84% acrylonitrile by weight, except when it qualifies as rubber.

Nylon: A long-chain synthetic polyamide in which less than 85% of the amide linkages are attached directly to two aromatic rings. The types are identified as 6, 66, etc. Where a company produces both type 6 and type 66, the designation 6/66 is used.

Aramid: A long-chain synthetic polyamide in which at least 85% of the amide linkages are attached directly to two aromatic rings.

Olefin: At least 85% ethylene, propylene or other olefin units by weight, except amorphous (noncrystalline) polyolefins qualifying as rubber. **E** means Polyethylene and **P** means Polypropylene. Also see adjoining notes on olefin fiber.

PBI: A long chain having recurring imidazole groups.

Polyester: At least 85% by weight of an ester of a substituted aromatic carboxylic acid, including but not restricted to substituted terephthalic units, and parasubstituted hydroxybenzoate units.

Saran: At least 80% vinylidene chloride by weight.

Spandex: At least 85% of segmented polyurethane.

Vinyon: At least 85% vinyl chloride by weight.

Other manufactured fibers included in this survey, but not listed by the FTC, are Polycarbonate and **TFE-** & **FEP-**fluorocarbon.

Not covered in this survey are fibers which would fall under the FTC's generic designations of rubber, lastrile, metallic and novoloid. Fibers falling under the FTC designations of anidex, azelon and nitril are not produced in the United States.

Carbon fibers are not included in this survey.

ALBANY INTERNATIONAL-MONOFILAMENT PLANT ●

EXECUTIVE OFFICE: 156 South Main Street, Homer, NY 13077
 Fluoro Homer, NY *Halar*, *Kynar*, *Tefzel* (monofil)
 Nylon 6/66/612 Homer (monofil)
 Polyester Homer (monofil-regular & hydrolysis-resistant)

ALLIED-SIGNAL INC. ENGINEERED MATERIALS SECTOR, FIBERS DIVISION ●

EXECUTIVE OFFICE: 1411 Broadway, New York, NY 10018
 REGIONAL SALES: 400 North Tustin Avenue, Santa Ana, CA 92705
 2100 Fiber Park Drive, Dalton, GA 30720
 64 South Miller Road, Akron, OH 44313
 Nylon 6 Columbia, SC & Hopewell, VA *A.C.E.*,
Anso-Tex, *Anso IV HP*, *Anso V Worry Free*,
Anso X, *Caplana*, *Caprolan*, *Caprolan 2000*
Sea Gard, *Caprolan 2000 Stay Gard*, *Capima*,
Captiva, *Compet*, *Creme De Captiva*, *Hydrofil*,
Iron Clad, *Patina*, *TEC* (yarn, monofil & staple)
 Polyester Monocure, NC *A.C.E.*, *A.C.E. Sea Gard*,
Compet, *Stay Gard* (yarn & monofil)

AMERICAN CYANAMID COMPANY, FIBERS DIVISION

EXECUTIVE OFFICE: One Cyanamid Plaza, Wayne, NJ 07470
 REGIONAL SALES: 350 Fifth Avenue, Suite 2602, New York, NY 10118
 P.O. Box 32787, Charlotte, NC 28232
 Acrylic Milton, FL *Creslan* (staple & tow)

AMERICAN POLYCRAFT, INC. ●

EXECUTIVE OFFICE: P.O. Box 3603, Dalton, GA 30721
 Nylon 6 Dalton, GA (yarn)

AMETEK INC., SPECIAL FILAMENTS DIVISION ●

EXECUTIVE OFFICE: Box 339, Odenton, MD 21113
 Nylon 6/66/612/11 Odenton, MD (monofil)
 Polyester Odenton (monofil)
 Saran Odenton (monofil)

AVTEX FIBERS INC.

EXECUTIVE OFFICE: Bldg. 200, Berwyn Park, Cassatt Road, P.O. Box 880, Valley Forge, PA 19482
 Polyester Lewistown, PA *Avlin* (yarn)

BASF CORPORATION FIBERS DIVISION

EXECUTIVE OFFICE: P.O. Drawer D, Williamsburg, VA 23187
 REGIONAL SALES: 5505 East Carson Street, Suite 205, Lakewood, CA 90713
 500 Holiday Avenue, Dalton, GA 30720
 111 West 40th Street, New York, NY 10018
 Four Seasons Executive Center, 3A Terrace Way, Greensboro, NC 27403

Nylon 6 Enka, NC; Anderson & Central, SC and
 Lowland, TN *Crepeset*, *Shimmerreen*, *Vivana*,
Zefsport, *Zeftron*, *Zeftron 500*, *Zeftron 500 ZX*
 (yarn & staple)
 Polyester Lowland, TN *Golden Glow*, *Golden Touch*,
Silky Touch, *Strialine*, *Ultra Touch* (yarn)
 Rayon Lowland, TN *Zantrel*, *Zantrel Plus* (staple)
 BASF Corporation has carpet yarn spinning plants at Allendale, SC and
 Sylvania, GA.

BEAULIEU OF AMERICA, INC. ●

EXECUTIVE OFFICE: P.O. Box 4539, Dalton, Ga 30721
 Nylon 6 Bridgeport, AL (yarn)

BERKLEY & CO. INC. ●

EXECUTIVE OFFICE: Highways 9 & 71, Spirit Lake, IA 51360
 Nylon 6 Spirit Lake, IA (monofil)

CAMAC CORPORATION

A Subsidiary of Cookson America, Inc.
 EXECUTIVE OFFICE: P.O. Box 1004, Bristol, VA 24203
 Nylon 6 Bristol, VA *Camalon* (yarn)

COLOR-FI, INC.

EXECUTIVE OFFICE: P.O. Box 469, Edgefield, SC 29824
 Nylon Sumter & Trenton, SC (staple & tow)
 Polyester Sumter & Trenton (staple)

CONCORDE FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 200, Highway 45, Jamestown, SC 29453
 Nylon 6 Jamestown, SC (yarn)

CORTLAND LINE COMPANY, INC.

EXECUTIVE OFFICE: 3736 Kellogg Road, Cortland, NY 13045
 Nylon 6 Cortland, NY (monofil-captive)

COURTAULDS FIBERS INC.

EXECUTIVE OFFICE: 104 West 40th Street, New York, NY 10018
 REGIONAL SALES: P.O. Box 141, Axis, AL 36505
 Rayon Le Moyne, Mobile County, AL *Fibro*
 (staple)

DORSETT CARPET MILLS INC. ●

BCF YARN DIVISION

EXECUTIVE OFFICE: P.O. Box 740, Chatsworth, GA 30705
 Nylon 6 Chatsworth, GA (yarn)

E. I. DU PONT DE NEMOURS & COMPANY (INC.) ●

FIBERS DEPARTMENT ●

EXECUTIVE OFFICE: Wilmington, DE 19880
 REGIONAL SALES: 5500 Union Pacific Avenue, City of Commerce, CA 90022
 1251 Avenue of the Americas, New York, NY 10020
 6250 Fairview Road, Charlotte, NC 28234
 2770 West Market Street, Akron, OH 44313
 300 Franklin Bldg., Eastgate Center, Chattanooga, TN 37411
 Acrylic Camden, SC & Waynesboro, VA *Orlon* (staple & tow)
 Aramid Richmond, VA *Kevlar* (yarn), *Nomex* (yarn, staple & tow)
 Nylon 66 Seaford, DE; Camden, SC; Chattanooga, TN and Martinsville, Richmond & Waynesboro, VA
 Polyester *Antron* (yarn, monofil, staple & tow)
 Kinston & Wilmington, NC; Camden & Charleston, SC *Dacron*, (yarn, staple, tow & fiberfill)
 Spandex Waynesboro *Lycra* (fused multifil or coalesced monofil)

POLYMER PRODUCTS DEPARTMENT

EXECUTIVE OFFICE: See Listing Above.
 Nylon 6/66/612 & Parkersburg, WV *Dacron*, *Dymetrol*, *Tynex*,
 Polyester *Vylor* (monofil of 50 denier & coarser)

EASTMAN KODAK COMPANY

EASTMAN CHEMICALS DIVISION

EXECUTIVE OFFICE: Kingsport, TN 37662
 MARKETER: EASTMAN CHEMICAL PRODUCTS, INC., P.O. Box 431, Kingsport, TN 37662
 REGIONAL SALES: 1133 Avenue of the Americas, New York, NY 10036
 Acetate Kingsport, TN *Chromspun*, *Estron* (yarn)
 Polyester Kingsport, TN & Columbia, SC *Kodel* (staple)

FIBER INDUSTRIES

A WHOLLY OWNED SUBSIDIARY OF WELLMAN, INC.

EXECUTIVE OFFICE: 5146 Parkway Plaza Blvd., Charlotte, NC 28217
 SALES OFFICE: 1133 Avenue of the Americas, New York, NY 10036
 REGIONAL SALES: 4040 Summit Drive, Marietta, GA 30068
 Polyester Fayetteville, NC & Darlington, SC *Fortrel* (yarn & staple)

FIRESTONE FIBERS & TEXTILES COMPANY DIVISION OF FIRESTONE TIRE & RUBBER COMPANY

EXECUTIVE OFFICE: P.O. Box 1278, Gastonia, NC 28052
 Polyester Hopewell, VA (yarn)

FOSS MANUFACTURING COMPANY, INC. ●

EXECUTIVE OFFICE: Ward Hill Industrial Park, Haverhill, MA 01830
 PLANT OFFICE: Haverhill, MA 01830
 Polyester Haverhill, MA (staple-captive)

GLOBE MANUFACTURING CO.

EXECUTIVE OFFICE: 456 Bedford Street, Fall River, MA 02720
 Spandex Fall River, MA & Gastonia, NC *Cleerspan*,
DC-100, *DC-700*, *Glospan* (fused multifil)

THE GOODYEAR TIRE & RUBBER COMPANY, POLYESTER DIVISION

EXECUTIVE OFFICE: Akron, OH 44316
 Polyester Scottsboro, AL & Point Pleasant, WV (yarn-captive)

GOLCO ●

EXECUTIVE OFFICE: 218 River Road, Cartersville, GA
 Nylon Cartersville, GA (yarn)*

GULF FIBERS INC.

EXECUTIVE OFFICE: Falk Industries, Inc., 569 Broadway, New York, NY 10012
 Nylon 6 Le Moyne, Mobile County, AL (monofil)

HANOVER FIBERS DIVISION, GUILFORD MILLS INC.

EXECUTIVE OFFICE: 4925 West Market Street, Greensboro, NC 27402
 REGIONAL SALES: 200 Dickens Road, P.O. Box 788, Fuquay-Varina, NC 27526
 Nylon 6 Gainesville, GA (monofil)
 Polyester Fuquay-Varina, NC (yarn & monofil)

HOECHST CELANESE CORPORATION

EXECUTIVE OFFICE: 202-206 North, Somerville, NJ 08876
 1211 Avenue of the Americas, New York, NY 10036
 REGIONAL SALES: 110 East 9th Street, Room A 1229, Los Angeles, CA 90079
 6000 Lake Forest Drive, Suite 300, Atlanta, GA 30328
 P.O. Box 32414, Charlotte, NC 28232
 2950 West Market Street, Akron, OH 44313
 Acetate Rock Hill, SC (*Celriver*) & Narrows, VA (*Celco*)
 (yarn, staple & tow)
 Polyester Salisbury & Shelby, NC and Spartanburg, SC
Angelette, *Ceylon*, *Comfort Fiber*, *ESP*,
Loftguard, *Polar-Guard*, *Serene*, *Superba*,
Trevira (yarn, staple, tow & fiberfill)
 PBI Rock Hill (staple)

JAMES RIVER CORPORATION ●

EXECUTIVE OFFICE: 545 North Pleasantburg Drive, Greenville, SC 29607
 Nylon 6/66 Cantonment, FL *Cerex* (spunbonded)
 Polyester Milford, NJ and Simpsonville, SC *Polyweb*
 (thermal bond & meltblown)

JOHNSON FILAMENTS, INC. ●

EXECUTIVE OFFICE: Industrial Avenue, Williston, VT 05495
Nylon 6/66 Williston, VT (monofil)
Polyester Williston (monofil)

**KAYSER-ROTH HOSIERY INC.,
YARN MANUFACTURING DIVISION**

EXECUTIVE OFFICE: 2303 West Meadowview Road, Greensboro, NC 27407
Nylon 66 Creedmoor, NC (yarn-captive)

MONOFILAMENTS, INC.

EXECUTIVE OFFICE: 1401 Hopeman Parkway, Waynesboro, VA 22980
Nylon 6/66 Waynesboro, VA (monofil)
Polycarbonate Waynesboro (monofil)
Polyester Waynesboro (monofil)
*The company also produces fusible nylon (monofil) at its Waynesboro facility.

MONSANTO COMPANY

EXECUTIVE OFFICE: 800 North Lindbergh Blvd., St. Louis, MO 63167
MONSANTO CHEMICAL COMPANY, FIBERS & ENGINEERED PRODUCTS DIVISION

REGIONAL SALES: 24012 Calle de la Plata, Suite 250, Laguna Hills, CA 92653
320 Interstate North Parkway, Atlanta, GA 30339
1460 Broadway, 11th Floor, New York, NY 10036
6230 Fairview Road, Charlotte, NC 28210
260 Springside Drive, P.O. Box 5444, Akron, OH 44313
Acrylic Decatur, AL *Acrilan, Acrilan II, Bi-Loft, Cy-Fana, Du-Rel, Fi-Lana II, Pa-Qel, Pil-Trol, So-Lara, So-Qel* (staple & tow)
Modacrylic Decatur *SEF, SEF Plus* (staple & tow)
Nylon 66 Pensacola, FL & Greenwood, SC *No-Shock, Ultron* (yarn & staple)

NORTH AMERICAN POLYESTER CORPORATION

Subsidiary of North American Rayon Corporation
EXECUTIVE OFFICE: West Elk Avenue, Elizabethton, TN 37643
Polyester Elizabethton, TN (staple)

NORTH AMERICAN RAYON CORPORATION

EXECUTIVE OFFICE: West Elk Avenue, Elizabethton, TN 37643
REGIONAL SALES: 500 Fifth Avenue, New York, NY 10110
Rayon Elizabethton, TN (ind & reg yarn & tow)

PHILLIPS FIBERS CORPORATION ○

Subsidiary of Phillips 66 Company
EXECUTIVE OFFICE: P.O. Box 66, Interstate 85, Greenville, SC 29602
Sulfar Rocky Mount, NC *Ryton* (staple)

REEMAY, INC. ●

EXECUTIVE OFFICE: P.O. Box 511, Old Hickory, TN 37138
Polyester Old Hickory, TN *Reemay* (spunbonded)

SHAKESPEARE COMPANY, MONOFILAMENT DIVISION ●

SALES OFFICE: 6111 Shakespeare Road, P.O. Box 4060, Columbia, SC 29240
Nylon 6/66/610 Columbia, SC (monofil thread)
Polyester Columbia (monofil thread)

STAR FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 588, Edgefield, SC 29824
REGIONAL SALES: Edgefield, SC 29824
Nylon 6/66 Edgefield, SC *Starbrite* (staple)

TOLARAM FIBERS, INC. ●

EXECUTIVE OFFICE: P.O. Box 436, Highway 52 North, Ansonville, NC 28007-0436
Nylon 66 Ansonville, NC (yarn)
Polyester Ansonville & Asheboro, NC (yarn)

T.M.G. HOLDINGS

Affiliate of the Mann Group, Inc.
EXECUTIVE OFFICE: 3411 North Rockingham Road, Greensboro, NC 27404
Acrylic Williamsburg, VA *Zefran, Zefkrome* (staple)

WELLMAN, INC., MAN-MADE FIBER DIVISION

EXECUTIVE OFFICE: P.O. Box 188, Johnsonville, SC 29555
1040 Broad Street, Suite 302, Shrewsbury, NJ 07702
REGIONAL SALES: 1200 East Morehead Street, Charlotte, NC 28204
25 Braintree Hill Park, Suite 206, Braintree, MA 02184
Nylon 6/66 Johnsonville, SC *Wellon, Wellstrand* (staple, tow & tops)
Polyester Johnsonville *Fillwell, Wellene, Wellstrand* (staple & tow)

YKK ZIPPER CO.

Polyester Macon, GA (yarn)

OLEFIN FIBER**ACS INDUSTRIES, INC.**

EXECUTIVE OFFICE: 71 Villanova Street, Woonsocket, RI 02895
PLANT: Woonsocket, RI (P yarn & multifil)

ALADDIN MILLS, INC.

EXECUTIVE OFFICE: P.O. Box 2208, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

ALBANY INTERNATIONAL - MONOFILAMENT PLANT

EXECUTIVE OFFICE: See Listing on Page 244.
PLANT: Homer, NY (P monofil)

ALLIED-SIGNAL INC. ENGINEERED MATERIALS SECTOR, FIBERS DIVISION

EXECUTIVE OFFICE: See Listing on Page 244.
PLANT: Chesterfield, VA *Spectra* (E yarn & staple)

AMERICAN MANUFACTURING COMPANY

EXECUTIVE OFFICE: 200 South Park Road, Lafayette, LA 70505
REGIONAL SALES: 107 Trumbull Street, Elizabeth, NJ 07206
5854 Hollis Street, Emeryville, CA 94608
1520 Industrial Blvd., Jacksonville, FL 32205
6110 Bienvenue Street, New Orleans, LA 70117
1715 South 11th Street, St. Louis, MO 63104
1350 Kress Street, Houston, TX 77020
5050 First Avenue South, Seattle, WA 98134
LAFAYETTE ROPE DIVISION

PLANT: Lafayette, LA *Amco, American, Bondtie, Floterope, Ultraline* (E & P monofil & film)

AMERICAN POLYCRAFT, INC.

EXECUTIVE OFFICE: See Listing on Page 244.
PLANT: Dalton, GA (P yarn & film)

AMETEK INC., SPECIAL FILAMENTS DIVISION

EXECUTIVE OFFICE: See Listing on Page 244.
PLANT: Odenton, MD (E & P monofil)

AMOCO FABRICS & FIBERS COMPANY

EXECUTIVE OFFICE: 900 Circle 75 Parkway, Suite 550, Atlanta, GA 30339

REGIONAL SALES: 15066 Shoemaker Avenue, Santa Fe Springs, CA 90670

P.O. Box 911, Dalton, GA 30722-0911
P.O. Box 3667, 835 Shugart Rd., Dalton, GA 30721-0667
PLANT: Andalusia & Roanoke, AL; Bainbridge, Hazlehurst & Nashville, GA; Salisbury, NC & Afton, VA (P yarn, monofil, film & staple)

The company produces *PolyBac, PolyBac A/S and PolyBac FLW* primary carpet backing; *ActionBac* secondary carpet backing; *Amopave* and *Propex* industrial fabrics; *Condesa* luggage fabrics; *Patlon III, Amoco XXV, Marquesa Lana* and *Marquesa Lana/ST* commercial carpet yarns; *Synera* apparel yarn; *Amoweve* and *Saqqara* wallcoverings; *Essera* and *Trace* upholstery yarns and *Genesis* residential carpet yarn.

ARLIN MFG. CO., INC.

EXECUTIVE OFFICE: 239 Industrial Avenue, Lowell, MA 01853
PLANT: Lowell, MA (P film)

ARMSTRONG WORLD INDUSTRIES, INC.

EXECUTIVE OFFICE: Lancaster, PA 17604
PLANT: Charlotte, NC (P film-captive)
The company weaves carpet backing.

BEAULIEU OF AMERICA, INC.

EXECUTIVE OFFICE: See Listing on Page 244.
PLANT: Bridgeport, AL & Dalton, GA (P yarn)

BERKLEY & CO. INC.

EXECUTIVE OFFICE: See Listing on Page 244.
PLANT: Spirit Lake, IA (E & P monofil-captive)

BLUE MOUNTAIN INDUSTRIES

EXECUTIVE OFFICE: 20 Blue Mountain Road, Blue Mountain, AL 36201
PLANT: Blue Mountain, AL *Gold Medal, Poly Autotwine, Poly Macramé, Polylasting, TY-EZ Polytape, Tylon, Tytite* (E & P film cordage)

BRIDON CORDAGE INC.

EXECUTIVE OFFICE: 909 16th Street, Albert Lea, MN 56007
PLANT: Albert Lea, MN (P film cordage)

BURLINGTON INDUSTRIES, INC.

EXECUTIVE OFFICE: P.O. Box 21207, Greensboro, NC 27420
PLANT: Greensboro, NC (P yarn)

CALIFORNIA WEBBING INDUSTRIES, INC.

EXECUTIVE OFFICE: 4560 Pacific Blvd., Los Angeles, CA 90058
PLANT: Los Angeles, CA (P yarn)

CARRIAGE INDUSTRIES

EXECUTIVE OFFICE: Box 542, Calhoun, GA 30701
PLANT: Calhoun, GA (P yarn)

CHASE PACKAGING CORPORATION

EXECUTIVE OFFICE: 2 Greenwich Plaza, Greenwich, CT 06830
PLANT: Portland, OR (P film industrial goods)

COLUMBIAN ROPE COMPANY

EXECUTIVE OFFICE: P.O. Box 270, Highway 45 North, Guntown, MS 38849
REGIONAL SALES: P.O. Box 270, Highway 45 North, Guntown, MS 38849
PLANT: Guntown, MS *Polypro 6* (E & P monofil & film)

CROWE ROPE COMPANY

EXECUTIVE OFFICE: Warren, ME 04864
PLANT: Warren, ME *Crowelon* (P monofil & film)

CUMBERLAND MILLS, INC.

EXECUTIVE OFFICE: 1010 North Hamilton Street, Dalton, GA 30720
PLANT: Dalton, GA (P yarn)

CUTLASS CARPET COMPANY

PLANT: Dalton, GA (P yarn)

DIAMOND MILLS, INC.

EXECUTIVE OFFICE: P.O. Box 46, Eton, GA 30724
PLANT: Eton, GA (P yarn & film)

DORSETT CARPET MILLS, INC.**BCF YARN DIVISION**

EXECUTIVE OFFICE: See Listing on Page 245.
PLANT: Chatsworth, GA (P yarn)

**E. I. DU PONT DE NEMOURS & COMPANY (INC.)
FIBERS DEPARTMENT**

EXECUTIVE OFFICE: See Listing on Page 245.
PLANT: Richmond, VA *Tyvek* (E spunbonded)
Chattanooga, TN (P yarn)

ELIZABETH WEBBING MILLS CO., INC.

EXECUTIVE OFFICE: 521 Roosevelt Avenue, Central Falls, RI 02862
PLANT: Central Falls, RI (P yarn & film)

**ENSIGN-BICKFORD INDUSTRIES, INC.
FILM FIBERS DIVISION**

EXECUTIVE OFFICE: 630 Hopmeadow Street, Simsbury, CT 06070
PLANT: Simsbury, CT (P film)

**EXXON CHEMICAL COMPANY,
POLYMERS GROUP - TEXTILES DIVISION**

DIVISION HEADQUARTERS: 2550 West Fifth North Street, Summerville, SC 29483-9699
MARKETING OFFICE: 2100 River Edge Parkway, Suite 1025, Atlanta, GA 30328-4654

PLANT: Summerville, SC (P monofil & film fabrics)
The company also weaves *Baxon* carpet backing and packaging fabrics at Summerville, SC.

POLYMERS GROUP - TWINE DIVISION

DIVISION HEADQUARTERS: 100 South Penalosa, Kingman, KS 67068
MARKETING OFFICE: 100 South Penalosa, Kingman, KS 67068
PLANT: Kingman, KS (P monofil & film cordage)
Clearfield, UT (P monofil & film cordage)

FIBERS & FABRICS OF GEORGIA, INC.**Subsidiary of Georgia Synthetics, Inc.**

EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (P yarns, fibrillated, roll embossed filaments & slit tape)

FIBERS SOUTH, INC.

EXECUTIVE OFFICE: P.O. Box 189, Trussville, AL 35173
PLANT: Trussville, AL *Polystar*, *Trustite* & *Tyrite* (P film, monofil, tapes & staple)

**FILAMENT FIBER TECHNOLOGY
INCORPORATED**

EXECUTIVE OFFICE: 571 West Lake Avenue, Bay Head, NJ 08742
PLANT: Salisbury, NC (P fine denier yarn)

FNT INDUSTRIES, INC.

EXECUTIVE OFFICE: 927 First Street, Menominee, MI 49858
PLANT: Menominee, MI (E monofil)

FOSS MANUFACTURING CO., INC.

EXECUTIVE OFFICE: See Listing on Page 245.
PLANT: Haverhill, MA (P staple-captive)

GENERAL FIBERS & FABRICS, INC.

EXECUTIVE OFFICE: Orchard Hill Road, La Grange Industrial Park, La Grange, GA 30240
PLANT: La Grange, GA (P film)
The company also weaves *Supertuft* carpet backing as well as bagging and woven polypropylene fabrics here.

GEORGIA SYNTHETICS, INC.

EXECUTIVE OFFICE: P.O. Box 962, Elberton, GA 30635
PLANT: Elberton, GA (PP carpet backing, industrial fabrics)

GFF HOLDING COMPANY**(Formerly NSI, Inc.)**

ADMINISTRATIVE OFFICE: Box 658, Soperton, GA 30457
PLANT: Soperton, GA (P film-captive)
The company weaves carpet backing here.

GOLCO

EXECUTIVE OFFICE: See Listing on Page 245.
PLANT: Cartersville, GA (P yarn)*

HERCULES INCORPORATED**ABSORBENT AND TEXTILE PRODUCTS GROUP**

EXECUTIVE OFFICE: Hercules Plaza, Wilmington, DE 19894
MARKETING HEADQUARTERS: 3169 Holcomb Bridge Road, Suite 301, Norcross, GA 30071
REGIONAL SALES: 280 Railroad Avenue, Greenwich, CT 06830
PLANT: Oxford, GA *Elustra*, *Herculon*, *Nouvelle* (P yarn & staple)

THE HOOVEN & ALLISON COMPANY

EXECUTIVE OFFICE: 677 Cincinnati Avenue, Xenia, OH 45385
PLANT: Xenia, OH (P film)

INTEGRATED PRODUCTS, INC.

EXECUTIVE OFFICE: P.O. Box 1791, Rome, GA 30163 - 3001
PLANT: Rome, GA (P staple)

INTERLOOM LTD.**FORMERLY CONCORDE FIBERS, INC.**

EXECUTIVE OFFICE: Box 2279, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

J & J INDUSTRIES

EXECUTIVE OFFICE: P.O. Box 1287, Dalton, GA 30722
PLANT: Dalton, GA (P yarn)

JAMES RIVER CORPORATION

EXECUTIVE OFFICE: See Listing on Page 245.
PLANT: Milford, NJ, Simpsonville, SC and Washougal, WA *Celestra*, *Fibretext* (P spunbonded)

JOHNSON FILAMENTS

EXECUTIVE OFFICE: See Listing on Page 245.
PLANT: Williston, VT (P monofil)

KIMBERLY-CLARK CORPORATION

EXECUTIVE OFFICE: 1400 Holcomb Bridge Road, Roswell, GA 30076
PLANT: Corinth, MS; Balfour, NC; La Grange, GA & Neenah, WI
Accord, *Duraguard*, *Evolution* (P spunbonded), *Cyclean*, *Evolution III* (P spunbonded/meltblown laminate)

LAMBETH CORPORATION

EXECUTIVE OFFICE: 627 Tarkiln Hill Road, New Bedford, MA 02745
PLANT: New Bedford, MA *Lambeth* (E & P monofil)

LAWRENCE HOSE COMPANY

SALES OFFICE: P.O. Box 1838, Burlington, NC 27215
PLANT: Burlington, NC (E monofil-captive)

LORETUX CORPORATION

EXECUTIVE OFFICE: Northeastern Industrial Park, Bldg. 18, P.O. Box 45, Guilderland Center, NY 12085
REGIONAL SALES: Research Plastics Marketing, 9 Pickering Way, Salem, MA 01970
PLANT: Guilderland Center, NY (E film-captive)

MIRAFI INC.**Subsidiary of Dominion Textiles**

EXECUTIVE OFFICE: P.O. Box 240967, Charlotte, NC 28224
PLANT: Moultrie, GA (P film-captive)

ORIAN

EXECUTIVE OFFICE: P.O. Box 2276, Anderson, SC 29622
PLANT: Anderson, SC (P yarn)

THE OSTERNECK COMPANY

EXECUTIVE OFFICE: P.O. Box 859, Lumberton, NC 28359
PLANT: Lumberton, NC (P film)
The company weaves industrial goods here, and converts into tubing & bale wraps.

PHILLIPS FIBERS CORPORATION**Subsidiary of Phillips 66 Company**

EXECUTIVE OFFICE: See Listing on Page 246.
PLANT: Rocky Mount, NC; Seneca & Spartanburg, SC *Alpha*, *Marvess* (P yarn, staple & tow)
The company also manufactures *Duon*, *Petromat*, *Rufon* & *Supac* non-woven fabrics at Seneca, SC.

POLI -TWINE INC.

EXECUTIVE OFFICE: Box 1255, Bldg. A16A, Freeport Center, Clearfield, UT 84016
PLANT: Clearfield, UT (P monofil, P film, rope & cordage)

POLYLOOM CORPORATION OF AMERICA

EXECUTIVE OFFICE: 1615 North Broadway, P.O. Box 289, Dayton, TN 37321
PLANT: Dayton, TN *Polyloom* (P split film)

PRINCETON (CARPET IND. OF N.A.)

EXECUTIVE OFFICE: P.O. Box 548, Adairsville, GA 30103
PLANT: Adairsville, GA (P yarn)

REEMAY, INC.

EXECUTIVE OFFICE: See Listing on Page 246.
PLANT: Old Hickory, TN *Tygar*, *Typelle*, *Tekton*, *Biobarrier*, (P spunbonded)

SARLON INDUSTRIES, INC.

EXECUTIVE OFFICE: 775 N.W. 71st Street, Miami, FL 33150
PLANT: Miami, FL (P monofil & film)

SHAKESPEARE MONOFILAMENT DIVISION

EXECUTIVE OFFICE: See Listing on Page 246.
PLANT: Columbia, SC (P monofil)

SHUFORD MILLS, INC.

EXECUTIVE OFFICE: Highland Avenue & 15th Street, N.E., Hickory, NC 28601
PLANT: Hickory, NC (P film, cordage & twine)

SOLUTION FIBERS INC.

EXECUTIVE OFFICE: P.O. Box 447, 110 West McCarter Road, Lafayette, GA 30728
PLANT: Lafayette, GA *Better Body, Luxene* (P yarn)

SOUTHERN WEAVING, INC.

PLANT: Greenville, SC (P yarn)

STEVENS FIBER DIVISION, STEVENS LINEN ASSOC., INC.

EXECUTIVE OFFICE: P.O. Box 220, Webster, MA 01570
PLANT: Dudley, MA (P staple)

SUNSHINE ROPE MANUFACTURING INC.

EXECUTIVE OFFICE: 7250 N.W. 41 Street, Miami, FL 33166-6799
PLANT: Miami, FL (E & P monofil, cordage)

SYNTHETIC INDUSTRIES

EXECUTIVE OFFICE: 309 Lafayette Road, Chickamauga, GA 30707
PLANT: Chickamauga & Dalton, GA (P film, yarn & staple)

SYNTHETIC INDUSTRIES, FIBRON DIVISION

EXECUTIVE OFFICE: Chickamauga, GA
PLANT: Chattanooga, TN *Fibri-Cord, Fibri-Knit, Fibrilawn, Fibrilon* (P film)

TECHLON FIBERS CORPORATION

EXECUTIVE OFFICE: 3359 Blake Drive, Dalton, GA 30720
PLANT: Dalton, GA (P yarn)

TECHNOTRADE

PLANT: Dalton, GA (P yarn)

TOLARAM FIBERS, INC.

EXECUTIVE OFFICE: See Listing on Page 246.
PLANT: Ansonville, NC (P yarn)

TRUSTITE, DIVISION OF FIBERS SOUTH INC.

EXECUTIVE OFFICE: See Listing on page 248.
PLANT: Clearfield, UT *Trustite, Tyrite* (P film)

TWINE PRODUCTS CORPORATION

EXECUTIVE OFFICE: 201 Dufossat, P.O. Box 15285, New Orleans, LA 70175
PLANT: New Orleans, LA (P film)

UNITED STATES ROPE COMPANY

EXECUTIVE OFFICE: 711 Hamilton Avenue, Menlo Park, CA 94025
PLANT: Menlo Park, CA (P monofil)

WALL INDUSTRIES, INC.

EXECUTIVE OFFICE: P.O. Box 830, Granite Quarry, NC 28072
PLANT: Granite Quarry, NC (E & P monofil, rope and cordage)

WALTRICH PLASTIC CORPORATION

EXECUTIVE OFFICE: P.O. Box D, Walthourville, GA 31333
PLANT: Walthourville, GA (P monofil)

WAYN-TEX, INC.

EXECUTIVE SALES OFFICE: Box 648, Dalton, GA 30720
PLANT: Waynesboro, VA, *Beamette, Wayntuf* (E & P monofil & P film-captive, spunbonded)
The company weaves *Wayntuf* primary carpet backing (captive).

WELLINGTON PURITAN MILLS (MONTAIR DIV.)

EXECUTIVE OFFICE: Nelson Street, Pilot Mountain, NC 27401
PLANT: Pilot Mountain, NC *Pur-Ty, Welltite* (P yarn & E & P monofil & film)

WELLINGTON SYNTHETIC FIBRES, INC.

EXECUTIVE OFFICE: 52 Courtland Street, Paterson, NJ 07503
PLANT: Leesville & Summerville, SC (P yarn & monofil)
The company also weaves outdoor furniture webs at Leesville.

The following companies are also producing a variety of textile products from olefin: *Cirtex* (P film); *Continental* (P yarn); *Conwed Corp.* *Conwed Plastic Netting* (P embossed film for netting); *Dacey* (P yarn); *E.I. du Pont De Nemours & Company (Inc.)* (E & P embossed film for netting); *Hercules Incorporated, Polymers Division Delnet* (E embossed film for netting); *Nalle Inc.* (P embossed film for netting); *Riegel Products Corporation Polyweb* (P meltblown); and *The 3M Company* (P spunbonded).

GLASS FIBER**CERTAINTEED CORPORATION****FIBER GLASS REINFORCEMENTS DIVISION**

EXECUTIVE OFFICE: P.O. Box 860, Valley Forge, PA 19482
REGIONAL SALES: 1801 East Parkcourt Street, Bldg. D., Suite 104, Santa Ana, CA 92701
4131 N.W. 13th Street, Suite 202, Gainesville, FL 32609
854 Fairway Drive, Bensenville, IL 60106
1 City Centre, 120 West 7th, Suite 312, Bloomington, IN 47401
533-A Mur Len Road, Olathe, KS 66062
12 Fox Run Drive, Ashtabula, OH 44004
1720-C Indian Wood Circle, Maumee, OH 43537
P.O. Box 1329, Kulpville, PA 19443
2811 Reidville Road, West Oak Square, Suite 12, Spartanburg, SC 29301
4811 Lebanon Road, Suite 107, Hermitage, TN 37076
6326 Hart, Fort Worth, TX 76112
1420 N.W. Gilman Blvd., Suite 2593, Issaquah, WA 98027
PLANT: Wichita Falls, TX (roving, woven roving, mat, chopped strand & combination product)

FIBER GLASS INDUSTRIES, INC.

EXECUTIVE OFFICE: RD 5, Edson Street, Amsterdam, NY 12010
PLANT: Amsterdam, NY (roving & chopped, woven, mats)

GAF BUILDING MATERIALS CORPORATION

EXECUTIVE OFFICE: 1361 Alps Road, Wayne, NJ 07670
PLANT: Irwindale, CA (chopped), Nashville, TN (chopped)

GFT, INC. (GLASS FIBER TECHNOLOGY)

EXECUTIVE OFFICE: P.O. Box 670, Chester, SC 29706
PLANT: Chester, SC (wet chop for shingles)

LUNDY TECHNICAL CENTER

EXECUTIVE OFFICE: Pompano Beach, FL 33064
PLANT: Pompano Beach, FL *RoMHOglas* (metallized glass fiber roving & strand and nonwoven metallized glass mat)

MANVILLE SALES CORPORATION**MATS, FIBER & REINFORCEMENTS DIVISION**

EXECUTIVE OFFICE: P.O. Box 517, Toledo, OH 43693
PLANT: Waterville, OH, Etowah, TN & Ennis, TX *Chop-Pak, Dura-Glass, Star Rov, Star Stran, Tempstran* (mat, chopped strand, staple, yarn, sliver, rovings & microfiber)

NICOFIBERS CO.

EXECUTIVE OFFICE: 9702 Ironpoint Road, Shawnee, OH 43782
PLANT: Shawnee, OH *Conformat, Surmat* (mat)

NITTOBO-SCHWEBEL CORPORATION *

(yarn)

OWENS-CORNING FIBERGLAS CORPORATION

EXECUTIVE OFFICE: Fiberglas Tower, Toledo, OH 43659
REGIONAL SALES: 4 Hutton Centre Drive, Suite 100, Santa Anna, CA 92707
750 Lake Cook Road, Suite 201, Buffalo Grove, IL 60089
15300 West 8 Mile, Oak Park, MI 48237
Bldg. 5601, 77 Center Drive, Suite 240, Charlotte, NC 28210
5700 Pearl Road, Suite 104, Cleveland, OH 44129
900 West Valley Road, Suite 1101, Wayne, PA 19087
12750 Merit Drive, Suite 100, Park Central VII, Dallas, TX 75251
PLANT: Huntingdon, PA; Aiken & Anderson, SC & Amarillo, TX *Araton, Beta, Bi-Ply, Fiberglas, S-Glass, S-2 Glass, Type 30* (yarn, roving, woven roving, mat chopped & milled)

PPG GLASS FIBERS LTD.**FIBER GLASS PRODUCTS**

EXECUTIVE OFFICE: One PPG Place, Pittsburgh, PA 15272
REINFORCEMENT PRODUCTS:
REGIONAL SALES: 23441 South Pointe Drive, Suite 145, Laguna Hills CA 92653.
400 Northridge Road, Suite 110, Atlanta, GA 30350
710 East Ogden Avenue, Suite 225, Naperville, IL 60563
5875 New King Court, P.O. Box 3510, Troy, MI 48007-3510
AUTOMOTIVE SALES OFFICE: 710 East Ogden Avenue, Suite 225, Naperville, IL 60563
TEXTILE PRODUCTS: 825 East Majestic Court, Gastonia, NC 28054
2253 South Avenue, Westfield, NJ 07090
PLANT: Lexington & Shelby, NC (yarn, roving, mat, milled fiber, chopped strand, woven roving & rubber reinforcements)

SUPERIOR GLASS FIBERS, INC.

EXECUTIVE OFFICE: P.O. Box 89, Bremen, OH 43107
PLANT: Bremen, OH (mat)

TABLE 2:
LOCATION OF AMERICAN FIBER
PRODUCT-MANUFACTURING PLANTS

STATES & AREA	ARTIFICIAL (CELLULOSIC) a	SYNTHETIC (NONCELLULOSIC)					GLASS FIBER	GRAND TOTAL
		ACRYLIC b	NYLON c	OLEFIN	POLYESTER	OTHER d		
NEW ENGLAND								
CONNECTICUT				1				1
MAINE				1				1
MASSACHUSETTS				4	1	1		6
RHODE ISLAND				2				2
VERMONT			1	1	1			3
TOTAL NEW ENGLAND			1	9	2	1		13
MID-ATLANTIC								
DELAWARE			1					1
MARYLAND			1	1	1	1		4
NEW JERSEY				1	2			3
NEW YORK			2	2		1		5
PENNSYLVANIA					1		1	2
TOTAL MID-ATLANTIC			4	4	4	2	2	16
PIEDMONT								
N. CAROLINA			3	12	9	2	2	28
S. CAROLINA	1	1	11	9	10	1	3	36
VIRGINIA	1	2	7	4	2	2		18
WEST VIRGINIA			1		2			3
TOTAL PIEDMONT	2	3	22	25	23	5	5	85
SOUTH								
ALABAMA	1	2	2	5	1			11
FLORIDA		1	2	2			1	6
GEORGIA			4	29	1			34
LOUISIANA				2				2
MISSISSIPPI				2				2
TENNESSEE	3		2	4	4		1	14
TEXAS							3	3
TOTAL SOUTH	4	3	10	44	6		5	72
MID-WEST & WEST								
CALIFORNIA				2			1	3
IOWA			1	1				2
KANSAS				1				1
MICHIGAN				1				1
MINNESOTA				1				1
OHIO				1			3	4
OREGON				1				1
UTAH				3				3
WASHINGTON				1				1
WISCONSIN				1				1
TOTAL MIDWEST & WEST			1	13			4	18
TOTAL NUMBER OF PLANTS	6	6	38	95	35	8	16	204
TOTAL NUMBER OF STATES	4	4	13	27	12	6	9	31

- a. Artificial (Cellulosic) includes rayon, acetate and triacetate.
b. Acrylic includes modacrylic.
c. Nylon includes 1 aramid.
d. Other includes 1 fluorocarbon, 1 PBI, 1 polycarbonate, 1 saran, 3 spandex and 1 sulfar.

TABLE 3:
SELECTED U.S. MANUFACTURED FIBER IMPORTS BY COUNTRY OF ORIGIN
THOUSAND POUNDS

ITEMS & COUNTRY	1989												YEAR TO DATE	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1989	1988
ARTIFICIAL (CELLULOSIC) YARN, MONOFIL & STRIPS														
AUSTRIA	0	0	6	1	4	0	139	0	37				187	
BRAZIL	53	110	55	0	54	76	22	53	53				476	
CANADA	745	619	686	613	656	532	399	634	533				5417	
CHILE	44	22	22	22	22	44	48	0	44				268	
GERMANY, FED. REP. OF	784	515	697	452	436	362	521	928	784				5479	
IRELAND	37	0	36	138	34	36	107	69	104				561	
JAPAN	55	121	122	185	110	206	57	81	72				1009	
KOREA, REP. OF	66	22	0	56	0	22	11	3	0				180	
MEXICO	156	99	171	45	153	144	213	141	169				1291	
NETHERLANDS	61	239	261	173	204	380	262	413	302				2295	
UNITED KINGDOM	75	68	113	135	75	66	84	40	71				727	
ALL OTHER COUNTRIES a	40	24	30	8	168	62	363	79	232				1006	
TOTAL ARTIFICIAL YARN	2116	1839	2199	1828	1916	1930	2226	2441	2401				18896	12465
ARTIFICIAL (CELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	323	422	377	226	381	430	394	568	39				3160	
CANADA	4757	1990	4093	3462	3409	2370	1638	4140	3000				28859	
CHINA, PRC	104	0	369	0	752	0	110	0	0				1335	
GERMANY, DEM. REP.	0	0	95	43	82	80	44	0	0				344	
GERMANY, FED. REP. OF	68	67	95	116	124	142	208	179	236				1235	
JAPAN	150	521	422	263	107	60	84	61	174				1842	
SWITZERLAND	9	25	41	37	65	40	286	7	14				524	
TAIWAN	28	0	28	88	320	0	264	176	0				904	
UNITED KINGDOM	265	225	1	47	69	42	67	135	130				981	
ALL OTHER COUNTRIES b	273	241	123	138	111	255	42	261	126				1570	
TOTAL ARTIFICIAL STAPLE+TOW	5977	3491	5644	4420	5420	3419	3137	5527	3719				40754	13472
SYNTHETIC (NONCELLULOSIC) YARN, MONOFIL & STRIPS														
ARGENTINA	0	30	46	0	11	38	1479	1	959				2564	
BELGIUM	0	56	115	171	343	236	568	685	399				2573	
BRAZIL	106	63	170	30	140	201	57	191	92				1050	
CANADA	3437	2926	2969	2399	3327	3304	2445	3580	3717				28104	
COSTA RICA	252	487	591	433	415	517	537	515	657				4404	
ECUADOR	91	26	144	0	58	23	71	33	33				479	
FRANCE	1180	1151	1079	1159	1159	1085	972	799	516				9100	
GERMANY, FED. REP. OF	2231	2204	2641	2514	2357	3691	2202	1988	2515				22343	
ISRAEL	299	217	172	149	285	244	117	124	103				1710	
ITALY	924	323	873	859	1031	132	489	526	620				5777	
JAPAN	469	610	568	609	548	502	845	1110	960				6221	
KOREA, REP. OF	10	49	7	81	98	42	89	0	59				435	
MEXICO	1447	2222	2385	1857	2527	2911	2490	2806	2210				20855	
NETHERLANDS	68	193	267	338	69	63	398	104	7				1507	
SINGAPORE	0	25	0	33	0	33	16	16	16				139	
TAIWAN	50	175	650	1296	2844	3217	3133	2680	1259				15304	
THAILAND	65	64	69	67	63	171	124	142	70				835	
UNITED KINGDOM	1482	1357	1409	1649	1790	1506	1635	2014	1437				14279	
ALL OTHER COUNTRIES c	36	175	221	260	67	330	189	324	443				2045	
TOTAL SYNTHETIC YARN	12147	12353	14376	13904	17132	18246	17856	17638	16072				139724	88141
SYNTHETIC (NONCELLULOSIC) STAPLE+TOW+TOPS														
AUSTRIA	0	3	9	13	1	0	79	0	11				116	
AUSTRALIA	31	160	1	82	16	43	149	78	0				560	
BELGIUM	47	99	60	56	67	7	378	35					756	
CANADA	1413	737	1481	1489	1292	874	622	818	1242				9968	
FRANCE	230	304	253	405	388	336	136	519	102				2673	
GERMANY, FED. REP. OF	1985	1758	1318	1293	1491	1780	1084	2057	753				13519	
INDIA	0	0	3772	3400	709	49	1772	2893	3690				16285	
IRELAND	280	480	305	348	0	36	0	0	0				1449	
ITALY	482	394	206	46	61	34	70	193	264				1750	
JAPAN	1773	1757	2303	2770	2429	1826	1929	2894	1648				19329	
KOREA, REP. OF	2297	3387	3933	4165	5687	4876	4806	2638	3190				34979	
MEXICO	1049	372	420	1016	783	462	579	797	434				5912	
NETHERLANDS	31	103	99	81	56	105	21	617	365				1478	
SPAIN	8	0	178	39	65	128	0	0	0				418	
SWITZERLAND	146	165	134	166	125	42	242	214	88				1322	
TAIWAN	262	235	215	808	917	2057	2093	1994	4020				12601	
TURKEY	18	0	0	0	111	37	90	105	0				361	
UNITED KINGDOM	2318	2304	1643	2107	2671	1229	1645	810	1535				16262	
ALL OTHER COUNTRIES d	2	53	45	56	29	28	0	241	111				565	
TOTAL SYNTHETIC STAPLE+TOW	12372	12311	16375	18340	16898	13949	15324	17246	17488				140303	148065

- a. Belgium 617, Italy 110, Taiwan 68, China, PRC 51, France 43, Greece 41, Norway 32, Singapore 23, Egypt 21.
b. Poland 275, Australia 217, Italy 193, Romania 175, Korea, Rep. of 171, France 121, Finland 116, Sweden 115, Belgium 73, Spain 47, Peru 37, India 18, Thailand 11, Mexico 1.
c. Ireland 493, Portugal 340, Egypt 258, Turkey 195, Austria 117, Peru 99, Romania 86, China, PRC 82, Spain 69, Switzerland 65, Australia 49, El Salvador 35, Nigeria 35, Morocco 26, Hong Kong 24, Colombia 21, Honduras 20, Sweden 12, Greece 10, Denmark 9.
d. Romania 201, Israel 169, Hong Kong 92, Brazil 59, Germany, Dem. Rep. 42, China, PRC 2.

Effective January 1, 1989 the U.S. Manufactured Imports for Consumption by Country of Origin are based on the new Harmonized System (HS). On pages 73 through 79 of the *Fiber Organon*, April 1989 issue, we present the Harmonized Tariff Schedule of the United States covering cellulosic (artificial) and noncellulosic (synthetic) fibers, Annotated for Statistical Reporting Purposes. Data for 1989 is not comparable to prior years.

Selected U.S. Manufactured Imports for Consumption by Country of Origin for 1988 are published in the *Textile Organon*, February 1989 issue, page 31.