



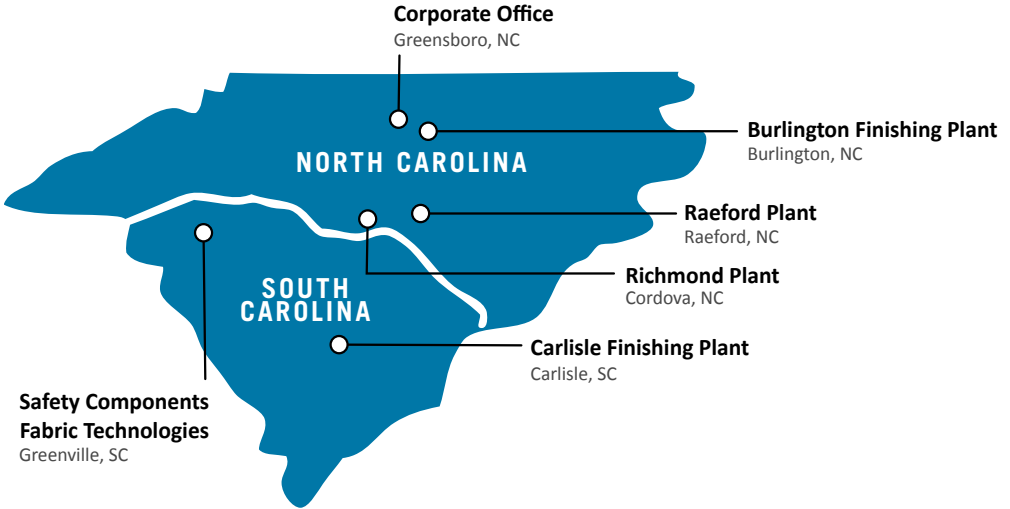
 **Burlington**[®]

burlingtonfabrics.com





Manufacturing Footprint





Burlington's Specialty, Technical and Worsted fabric divisions provide high-performance solutions for leading brands of performance apparel as well as tailored, uniform and medical/cleanroom products.

Our fabric offerings include performance synthetics, worsted wool and wool blends bringing exciting new styles to global apparel markets.



A History of Innovation

1923

Burlington® Mills was founded by J. Spencer Love. He was an innovator from the beginning.

1929

Burlington® reached it's first million dollars in sales.

1937

Burlington® was listed on the NY Stock Exchange for the first time.

1924

The first Burlington® Mill plant consisted of 200 employees.

INDUSTRY 1st

1955

Burlington® was the first textile company to advertise on national network television.

1962

Burlington® was the largest textile company in the world.

1974

Burlington® leads the way in textured yarn innovation.

INDUSTRY 1st

1959

Burlington® engineers, conceives, and patents the idea for the dye jet.

1976

Burlington® embarked on a ten year modernization program. It was designed to incorporate new technology and to position the company for worldwide competition.

INDUSTRY 1st

1987

Burlington® develops the K-match™ concept, creating a new method of dyeing and blending wool top achieving a tighter shade tolerance that became the industry standard.

INDUSTRY 1st

1989

Burlington® patented the process of printing on Nomex® fiber.

1998

Burlington® designed and installed the only ISO Class 2 (0.3µ) cleanroom laundry inside a textile manufacturing facility that utilized Helmke Drum and Bodybox testing.

2007

Burlington® expands into the far east. JBT opens.

2012

Burlington® patented Sigma 4-Star, a flame resistant fabric made from a fiber blend

Burlington® became bluesign® system partner.

2006

Burlington® Labs was launched.

INDUSTRY 1st

1993

Burlington® partnered with Intera to introduce hydrophilic chemistry for polyester and nylon fibers, and Moisture Control System (MCS®) was born.

2008

Burlington® becomes the first to commercialize and launch fabric application of insect repellent technology with (4th generation) No Fly Zone®

2014

Burlington® patented PBI Max, flame resistant fabric.

Table of Contents

Burlington® Specialty Fabrics | 06

Burlington® Technical Fabrics | 11

Burlington® Worsteds | 14

Burlington® Labs | 17

Burlington® Specialty Fabrics

Markets Served:



Performance Apparel

Smarterwear™

Designed for versatility, these fabrics feature easy-care performance and quick-dry capabilities, in fashion forward styles.

Outdoor Enthusiast

Fabrics for the outdoor adventurer who expects the ultimate high-performance garment, requiring the fabric to perform multiple functions.



Pro-Grade Fabrics

Professional grade fabrics for public safety uniforms, military solutions, and tactical apparel.



Contract Interior Fabrics

Piece-dyed woven fabrics for the commercial interiors market, including corporate, institutional/educational, healthcare, and hospitality.



Barrier Fabrics

Protective fabrics for medical and contamination control.

Manufacturing Footprint:

- Burlington® Finishing Plant / Burlington, NC
- Burlington® Carlisle Finishing / Carlisle, SC
- Richmond Weaving / Cordova, NC
- Jiaxing Burlington® Textile Co. / Jiaxing, China

Burlington® FINISHING



Burlington® Finishing Plant in Burlington, NC provides finished fabrics for performance apparel, uniform, medical/cleanroom, contract interior furnishings and physical fitness products for all branches of the military. BFP houses key testing capabilities, as well as the Burlington® Labs operations center.

Key Supply Chains

- Domestic Garment Manufacturing
- Europe
- NAFTA and CAFTA Compliant



Capabilities

- Preparation
- Jet Dyeing
- Finishing
 - Napper
 - Sander
 - Calendar
 - Shear
- Inspection
- Distribution

Product Types

- Polyester
- Polyester/Carbon
- Polyester Blends
- Nylon
- Nylon Blends
- Technical Finishes (*see Burlington Labs*)

Carlisle's manufacturing capabilities include continuous range dyeing, printing and finishing services for textiles composed of cotton, polyester-cotton, nylon-cotton, polyester, acrylic, and aramid blends. It's primary customers are the US and global militaries.



Capabilities

- Preparation
- Continuous Range & Pad Batch Dyeing
- Screen Printing
- Finishing
- Surface Treatment
- Testing (Hue Color Measurement, Near Infrared (NIR))



Test Lab Partners

- Natick
- DLA Troop Support

Primary Supplier

- US Battle Dress Uniform fabrics
 - Army ACU
 - Marine Corp MCCUU
 - Air Force ABU
 - Navy NWU

Supply Contracts

- South America
- Middle East





Jiaying Burlington® Textile Co., Ltd (JBT) provides finished fabric for Performance Apparel, Medical/Cleanroom, Pro-Grade and Contract Fabric divisions. Supported by Burlington® Labs in the US, JBT's high-tech lab and product development resources are dedicated to bringing our customers the best in cutting-edge technologies.



Bluesign® Certified Facility

- Reduced waste water processing needs
 - * Voted as a model facility in the Jiaying Economic Industrial Zone
- Reduced steam and electrical generation needs
- Reduced chemical handling
- Raw material recycling and reusing capabilities

Capabilities

- Preparation (*open width*)
- Jet Dyeing
- Finishing (*up to 110" wide*)
 - Sand/Brusher
 - Calendaring
 - Coating
- Inspection
- Distribution

Key Supply Chains

- Global Garment Manufacturing

Product Types

- Polyester
- Polyester/Carbon
- Polyester Blends (*also with spandex*)
- Nylon
- Nylon Blends (*also with spandex*)
- Technical Finishes (*see Burlington Labs*)
- Lightweight Fabrics (*1.5-2.5 oz/yd²*)



Burlington® Richmond Plant in Cordova, NC provides woven fabrics made of polyester, poly/carbon, wool and poly/wool blends for additional processing at Raeford and Burlington® Finishing Plants.

Capabilities

- Yarn Texturizing
- Warp Preparation
- Rapier Weaving
- Water Jet Weaving
- Suzuki Sample Warping

Key Strengths

- Speed to Market
- Available Capacity
- Quality

Target Markets

- Domestic Performance Apparel Fabrics
 - Team Sports
 - Technical Outerwear
- Pro-Grade
 - Uniform
 - US Military
- Medical/Cleanroom
- Contract Interior Fabrics



Burlington® Technical Fabrics

Markets Served:



Safety Components

- Structural Fire Fighting Fabrics
- Automotive Air Bag Fabric
- Weathermax® Outdoor Fabric
- Military Solutions

Manufacturing Footprint:

- Burlington® Safety Components / Greenville, SC

Safety Components Fabric Technologies, Inc. (SCFTI) is one of the largest producers of technical fabrics in the world. SCFTI is recognized as the technology leader in structural fire fighting fabrics, aircraft escape slide fabrics and automotive air bag fabrics.

All SCFTI textiles are engineered to exact customer or end use specifications.



Capabilities

- Sectional and Conventional Warping
- Twisting and Slashing
- Weaving (Rapier and Water Jet)
- Finishing
- Distribution

All fabrics are produced, tested, and inspected to the industry's highest standards. Safety Components maintains ISO 9001:2008, TS 16949, and ISO 14001 certifications. Our fabric testing laboratories are ISO 17025 approved, ASTM (North America), DIN (Europe), and JIS (Asia) certified. For over 100 years we have maintained the highest reputation for product quality, product innovation, product diversity, and on-time delivery.



Markets Served

- Fire
 - Filament Twill Technology
 - Outershells
 - Thermal Liners
 - Wildland, USAR, Apparel
- Military
 - Sigma 4 Star Fire Retardant Fabrics
 - Bodysield Composite Technology
 - Nomex Military Fabrics
 - Technical Military Fabrics
- Auto Air Bags
- Outdoor Fabrics - WeatherMAX®
 - Marine (WeatherMAX 80, WeatherMAX LT)
 - Awning (WeatherMAX 80, WeatherMAX FR)
 - Casual (WeatherMAX 80, WeatherMAX FR, WeatherMAX LT)
 - Military (WeatherMAX 80, WeatherMAX FR)
 - Specialty (WeatherMAX 80, WeatherMAX FR, WeatherMAX LT)
- Outdoor Fabrics - BreakWaterX™
 - Marine
 - IBEX Innovation Award
- Tech Fabrics
 - Aerospace
 - Coated Fabrics
 - Filtration Fabrics
 - Specialty Fabrics

Burlington® Raeford Worsteds

Markets Served:



Pro-Grade Fabrics

Professional grade fabrics for public safety uniforms, dress military, transportation, workwear, and hospitality.



Performance Apparel

Menswear wool suitings and separates.

Manufacturing Footprint:

- Burlington® Raeford / Raeford, NC
- Casimires Burlmex / Yecapixtla, MX





Burlington® Raeford offers a full line of uniform fabrics in fine worsted wools and synthetic blends.

Primary Military Supplier

- US Class A Dress Uniform fabrics, BDUs, Technical Outerwear
 - Army
 - Marine Corps
 - Air Force
 - Navy
 - Coast Guard
 - Military Academy

Public Safety Supplier

- State & Local Police
- Fire Departments
- US Postal Service
- Park Service
- Border Patrol
- Customs

Capabilities

- Top Manufacturing
- Stock and Piece Dyeing
- Blending
- Yarn Manufacturing
- Finishing
- Distribution



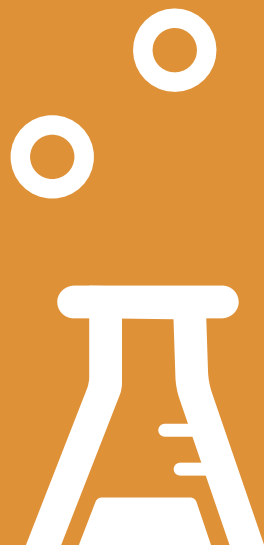
Casimires Burlmex is a state-of-the-art, totally vertical spinning, weaving and finishing worsted facility. Target markets include menswear suits and suit separates, tuxedos, trousers and blazers as well as professional grade uniform fabrics for police, correctional, military, hotels, airlines and the gaming industry.

Product Types

- Worsted Wool and Wool Blends
 - Piece Dye — 55% of Capacity
 - Stock Dye — 45% of Capacity

Capabilities

- Technical Finishes
 - Repellency
 - Washable Wool
 - Wrinkle Resistance
 - Soft Hand and Luster
- K-Match (lot-to-lot color matching):
 - Tight shade tolerance on worsted stock dyed fabrics
- Yarn Processing
 - Apparel: 1/26, 1/28, 2/60, 2/66, 2/72, 2/80, 2/90
 - Uniform: 1/24, 1/26, 2/46, 2/56, 3/56



Burlington®

Burlington® Labs discovers, implements and promotes proprietary emerging technology within Burlington® and its global partners, providing a continuous stream of differentiated products.

Performance Offerings:

- Insect Repellency
- Wicking/Absorption
- Antimicrobial
- Repellency
- Yarn Technology/Sustainable
- Fire Retardant



INSECT REPELLENCY



NO FLY ZONE®

Insect repellent technology that works as an odorless contact insecticide and repellent. It is effective against mosquitoes, ticks, ants, chiggers, flies and midges.



ANTIMICROBIAL



BIOGUARD®

Minimizes odor, provides hygienic freshness, maintains the ecological balance and prevents the deterioration and discoloration of fabrics

Four Technologies Utilized:

- Chitosan
- Silver
- Silane Based Quaternary Ammonium
- Microban



MOISTURE CONTROL SYSTEM®



● MCS® ACTIVE COOLING

Moisture Control System® offering advanced cooling by moisture activation. Makes your sweat work for you.



● MCS® ADAPTIVE

Moisture Control System® that transports moisture depending on environmental conditions to cool you off or keep you warm.



● MCS® BLOCKER

Moisture Control System® that absorbs, moves moisture away from the body and dries quickly while providing excellent UV protection.



● MCS® SOIL RELEASE

Moisture Control System® that absorbs and moves moisture away from the body while allowing most ground in stains to be easily removed and preventing soil from re-depositing.



● MCS® MOISTURE CONTROL SYSTEM

Moisture Control System® that absorbs and moves moisture away from the body and dries quickly.



REPELLENCY



DUREPEL® ECO

A highly durable, environmentally engineered finish that provides water repellency free of fluorocarbon compounds.



DUREPEL® PLUS

A unique water and stain repellent finish with exceptional durability and maximum protection, even after repeated washings.

INVISIBLE
BARRIER™

INVISIBLE BARRIER™

A revolutionary combination of technologies that raises the bar for liquid and stain repellency for fine worsted wool and synthetic garments.

RAEPEL™

RAEPEL™

Liquid and stain repellency engineered for the uniform market to be durable to both dry-cleaning and home-laundry.

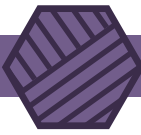


WATERPROOF BREATHABLE



XALT™

A high tech composite system that combines innovative fabrics, laminated films, and adhesive technology for superior waterproofness, breathability and comfort.



YARN TECHNOLOGY

WeatherMAX™

CORDURA
combat wool™
F A B R I C



SYNATURAL™
COOL

easyWOOL™

thread

PURTHREAD.

WEATHERMAX®

Made from solution dyed Satura® Max yarns, this fabric retains color and strength in severe outdoor exposure.

COMBAT WOOL™

Merino Wool and CORDURA® nylon are combined to produce a fabric that offers the comfort, aesthetics and performance of wool with the strength and durability of nylon.

37.5™

A technology that uses millions of active particles to capture and release moisture vapor - helping you zone in on a personal microclimate of ideal relative humidity and core body temperature for maximum performance.

SYNATURAL™ COOL

A permanent, high performance polyester fiber technology utilizing a cross sectional fiber that speeds up moisture adsorption and diffusion. Synatural™ Cool fabrics are comfortable, soft, dry and breathable.

EASYWOOL™

A revolutionary technology that allows worsted trousers and garments to be engineered as truly washable for the life of the garment.

THREAD™

Transforms trash from global developing communities into dignified jobs and useful stuff people love. From Ground to Good™. ITG™ (Burlington® & CONE®) have partnered with THREAD as the exclusive global woven manufacturer.

PURTHREAD®

Using patent-pending, next generation technology, PurThread improves on existing antimicrobial textile solutions by embedding EPA registered, non-nano silver salts into fibers at the molten stage of production yielding unsurpassed efficacy, durability and versatility to textile product designers and manufacturers.



FIRE PROTECTION



- **PBI MAX™**

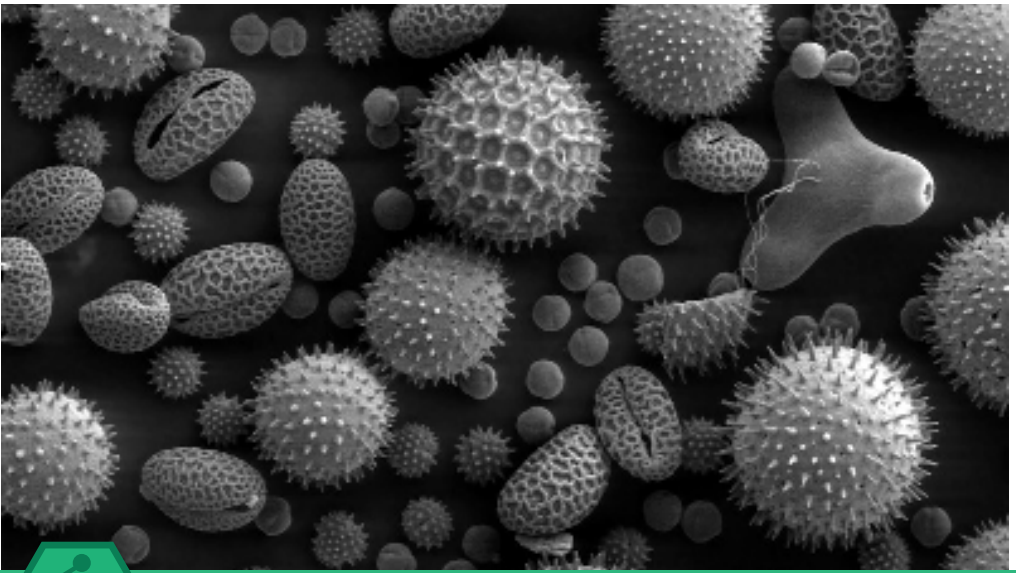
The world's strongest, patented, inherent, flame resistant, outer shell fabric that provides maximum protection, mobility, comfort and durability.

- **SIGMA 4 STAR™**

Enhanced FR protection that uses a revolutionary, patented, proprietary 4 fiber blend and offers the highest thermal protective properties with exceptional comfort and durability.

- **BODYSHIELD®**

Patent-pending FR composite technology for soft and hard shell garments that provides the highest level of thermal protective performance.



CONTAMINATION CONTROL



MAXIMA®

Fluid resistant, reusable surgical fabrics, ideal for all applications of the medical market.

C CLASS™

High performance, reusable contamination control fabrics, that are engineered for cleanroom manufacturing environments. These non-linting particle contamination barrier fabrics also offer a high degree of surface resistivity and static decay protection.



XALT™ HC

Provides protection against both viral and synthetic blood penetration.



Additional technical information on Burlington® Labs technologies available upon request.





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