Wear it for life
The durability of the flame resistance of our FR fabrics is guaranteed for the life of the garment.*

Mount Vernon FR Protective Fabrics from Mount Vernon Mills
Mount Vernon Mills is a time-honored leader in the manufacturing of textile, chemical and related products for the apparel, industrial, institutional and commercial markets. The company began in 1845 as a manufacturer of cotton duck cloth, and soon grew to become a leader in the industry. Since that time, production has expanded to include denim, piece dyed and flame resistant (FR) fabrics for apparel, uniforms, hospitality products, automotive and more.

* Guaranteed when laundered to manufacturer’s specifications.
Experience & Expertise
With more than 165 years of experience in workwear fabric development and production, our fabrics are consistently and repeatedly proven to get the job done. In fact, our fabrics have even been tested in the field of battle, from tents and uniforms in the Civil War to uniforms for today's military. Our workwear fabrics are trusted to provide exceptional quality and durability, and our unsurpassed experience and growth in the industry give Mount Vernon Mills an advantage over others when it comes to fabrics that work hard and get the job done.

Precision & Reliability
We know that lack of control can mean lack of security for your workers. Every step in the production process affects the flame resistant properties of the fabric and is vital to the durability of the FR finish. This is why Mount Vernon FR fabrics are made in America and produced in our state-of-the-art, vertically integrated manufacturing facility, which provides total in-house control of more than 25 major processes. More than 3,000 computer-monitored control points and extensive quality assurance testing ensure that Mount Vernon FR protective fabrics will be produced with the highest level of reliability, quality, durability, color consistency and shrinkage control. This high level of in-house control over fiber selection, spinning, weaving, dyeing and FR finishing creates an unrivaled level of security that customers can expect from every Mount Vernon FR fabric.
Product Innovation & Breadth

As the only company that offers an unlimited number of fabric styles, the variety of Mount Vernon FR protective fabrics is unparalleled. While others may have a limited number of fabric styles from which to choose, we provide customers with the ability to customize FR fabrics to fit the specific needs of their workers in the field. Mount Vernon FR also leads the way in production innovation, including the application of resin technology to improve color retention of 100% cotton fabrics as well as the introduction of the lightest weight 100% cotton fabric with a durable flame resistant finish. The variety and innovation of Mount Vernon FR fabrics keep customers from sacrificing comfort, safety or style, which will lead to increased satisfaction in the field. Mount Vernon FR continues to raise standards through our continual pursuit of excellence and innovation.

Partnership & Performance

When you do business with Mount Vernon Mills, you enter into a partnership that promises you superior customer service from our dedicated Mount Vernon FR technical sales support staff. Our team of professionals will help you both maintain and grow your business by providing you with top-notch fabrics and service. Our vertically integrated, U.S.-based manufacturing operations allow us to continue to provide consistent 6-8 week delivery of our flame resistant fabrics while also maintaining in-stock inventory on core products and colors that will be available for immediate shipment.
Our durable and dependable FR fabrics meet NFPA 70E, NFPA 2112, EN ISO 11611 and EN ISO 11612 standards.
AMTEX™ C100 is our 100% cotton flame resistant fabric. When feeling the fabric and comparing it to others, you’ll notice the difference. AMTEX™ C100 is exceptionally soft and comfortable, and includes the lightest weight 100% cotton fabric with a durable flame resistant finish. Mount Vernon FR doesn’t sacrifice comfort for performance, though. AMTEX™ C100 provides the comfort you need, combined with the extensively tested, quality-assured performance expected of industry-leading Mount Vernon FR fabrics.
**AMTEX™ PLUS** is our collection of flame resistant fabrics made with an 88% cotton and 12% nylon blend. This collection combines the softness of cotton with the strength and resilience of nylon to create the perfect balance of comfort and durability. Nylon is also less affected by changes in temperature, and offers increased abrasion resistance, making Mount Vernon FR’s AMTEX™ PLUS a top choice for FR garments that take a little more abuse in the field.
RESILIENCE® is our 80% cotton/20% Nomex® FR protective fabric. Nomex® is a material similar to nylon, but with added durability and enhanced flame resistance. The combination of Nomex® and cotton creates a fabric that is both comfortable and breathable, and offers a superior level of flame resistance for your workforce.
THE RESILIENCE® TRIO collection

takes the best fibers and combines them to create an FR fabric that is unsurpassable. It uses the comfortable feel of cotton and the durability of nylon, and combines them with Nomex®, which is inherently flame resistant. RESILIENCE® TRIO offers top-notch protection because Nomex® enhances the flame resistant characteristic of the fabric.

RESILIENCE® TRIO’s combination of the strengths of both nylon and Nomex® makes a sturdier FR protective fabric nearly impossible to find.
Our PHOENIX FR denim collection includes FR protective fabrics that are manufactured in a variety of weights and finishes. With a range of 7.5 to 14.75 ounces per square yard, PHOENIX FR offers flame resistant jeanswear fabrics suitable for various climates and working conditions. No matter the weight or style, you can have confidence knowing that these denim FR fabrics undergo the same extensive quality assurance testing as all Mount Vernon FR protective fabrics. All of this adds up to mean that PHOENIX FR offers a range of denim protective fabrics that are strong and reliable in order to satisfy whatever your workwear needs may be.
If you're looking for an FR protective fabric that meets the specific needs of your workforce, Mount Vernon FR is the brand for you. While others may offer a limited number of fabric styles from which to choose, Mount Vernon FR has no set number. Our revolutionary MY•FR program allows you to create your very own FR protective fabric so you can meet the exact needs of your workforce and to get the desired look and feel that's uniquely yours. Mount Vernon FR is the only brand that provides you with the customization you'd prefer, along with the comfort and reliability your workers deserve.
Environmental Responsibility

Mount Vernon Mills is committed to providing customers with quality products in an environmentally responsible way. Our Eco-Excellence™ program ensures that all FR fabrics comply with standards for environmental excellence, which has helped us earn several pollution prevention awards. Mount Vernon FR’s fabrics and production processes include an ultra-low formaldehyde solution, and are free of harsh chemicals. We meet the requirements of UL Environment and Oeko-Tex standards, among others. Our commitment to environmentally-friendly processes protects customers and employees from risk and minimizes impact on the environment.