

◀DUPONT▶
Kevlar®



THIS IS WEARABLE TECHNOLOGY

TAKE ON TOUGH CHALLENGES

This is wearable
TECHNOLOGY

DuPont™ Kevlar® fiber helps provide the protection, comfort and durability workers need for almost any job. Even in extreme environments.

Pushing the limits of protection, performance and strength for more than 50 years

Kevlar® is an incredibly strong mechanical and thermal-resistant fiber that provides a perfect balance of form and function, enabling PPE solutions to meet or exceed international standards for protection. Originally created by Stephanie Kwolek in 1965 for use in tires, Kevlar® has continued to evolve—enabling safer, lighter, stronger and more durable products for several industries ever since.

1965

Stephanie Kwolek invents Kevlar®



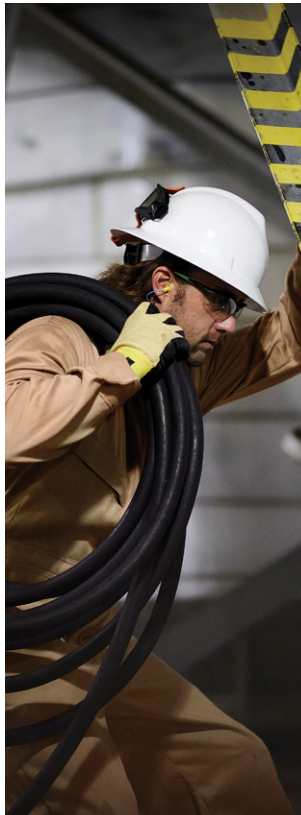
1980s

Kevlar® is first used in cut-resistant string knit gloves



1990s

Kevlar® launches brand licensing program for hand and arm protection applications



2020

Kevlar® introduces next-generation portfolio of engineered yarns across Essential, Comfort and Xtreme brands



2000s

Kevlar® introduces patented engineered yarns, enabling higher levels of protection with advanced comfort

Stronger gloves start with Kevlar®

Best known for its use in ballistic body armor, DuPont™ Kevlar® has evolved into a global leader for multi-hazard protection solutions. Due to its unique molecular structure, Kevlar® fiber helps provide unmatched protection against cuts, heat and flame hazards. And because Kevlar® is inherently flame resistant, its fibers won't melt, drip or support combustion against hazards up to 800°F (426°C).

As a result, Kevlar® helps enable mechanical and thermal protection that can meet the specific requirements for almost any job.



Industry-leading cut performance



Inherent heat and flame protection



Electric arc flash protection



Multi-hazard protection

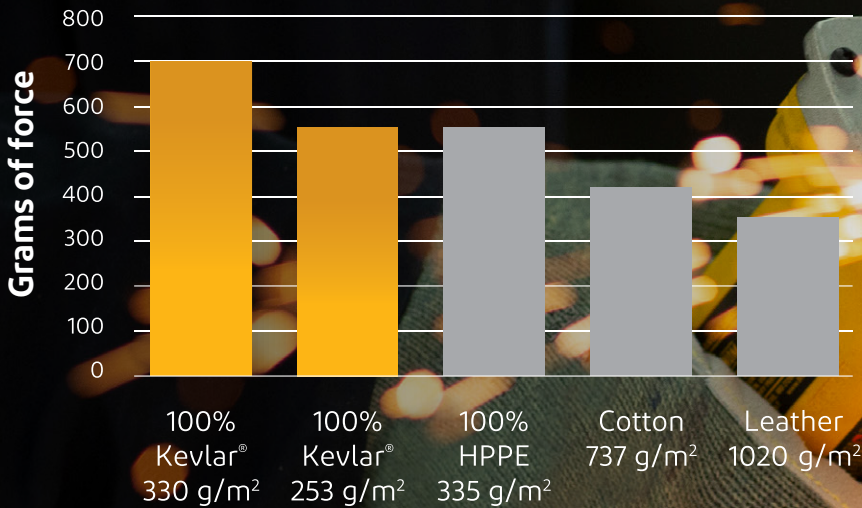


Lightweight, comfortable and highly breathable



Stand out from the competition

Kevlar® fiber can enable at least **30% higher cut resistance** and can be **25% lighter** than the competitor's glove or sleeve. When it comes to the competition, there's no comparison with the performance of Kevlar® engineered yarns. That's why workers in extreme environments trust Kevlar® to get the job done.



Test method: ASTM 2992

From automotive and manufacturing to oil & gas and utilities, Kevlar® engineered yarns help enable the protection, performance and comfort to take on almost any job while meeting the new ANSI/ISEA classification levels and EN 388 standards.

[Learn more](#)



A complete portfolio of
NEXT-GENERATION
performance

Whether you need industry-leading multi-hazard protection or enhanced comfort and dexterity, Kevlar® engineered yarns can meet the specific requirements for almost any job.

A complete portfolio of
next-generation performance



Kevlar® Xtreme

Unmatched performance and multi-hazard protection designed for demanding conditions and high-risk hazards.

Kevlar® Comfort

Engineered to help provide workers with maximum comfort and dexterity without sacrificing cut and heat protection.

Kevlar®

A proven combination of medium cut and heat protection with the durability to withstand tough conditions.

Kevlar® Essential

Reliable cut and heat protection designed to deliver value for light- to medium-duty hand protection applications.

Superior protection. Unmatched support.

We provide more than the most innovative solutions in personal protection. We provide a global network of support, testing capabilities and technical expertise to help ensure the protection your customers deserve.





Kevlar®

Stay connected with us



DuPont Personal Protection

Product safety information is available upon request.

This information is based upon technical data that DuPont believes to be reliable. It is subject to revision as additional knowledge and experience become available. It is the user's responsibility to determine the level of toxicity and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. This information is intended for use by persons having the technical expertise to undertake evaluation under their own specific end-use conditions, at their own discretion and risk. Anyone intending to use this information should first check that the garment selected is suitable for the intended use. The end-user should discontinue use of garment if fabric becomes torn, worn or punctured, to avoid potential chemical exposure. Since conditions of use are beyond our control, DUPONT MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION. This information is not intended as a license to operate under or a recommendation to infringe any trademark, patent or technical information of DuPont or other persons covering any material or its use.

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