

◀ DUPONT ▶

Kevlar®



WE WORK
EVERYWHERE
YOU DO

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®



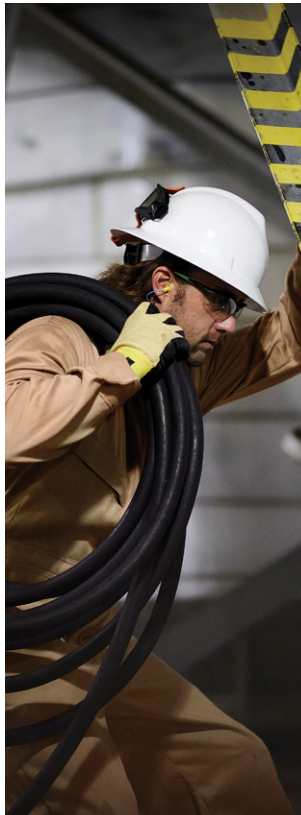
1980s

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

Multiple hazards. One solution.

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).



Industry-leading
cut performance



Inherent heat and
flame protection



Electric arc
flash protection



Multi-hazard
protection



Lightweight,
comfortable and
highly breathable



The real cost of workplace injuries*

Wearing the wrong gloves for the job causes 30% of hand injuries for workers. And workplace injuries can have lasting physical and financial effects. That's why Kevlar® is designed specifically for the hazards you face—because your safety is always our priority.

1,000,000+

Annual hand injuries in the U.S. alone

\$53,000

Average puncture cost

\$45,000

Cost of average laceration



*Occupational Safety and Health Administration "Estimated Costs of Occupational Injuries and Illnesses and Estimated Impact on a Company's Profitability Worksheet"

A welder is shown in profile, focused on his work. He is wearing safety glasses and a light-colored Kevlar glove on his right hand. The background is a dark industrial setting with sparks flying from a welding process. The text is overlaid on the image.

A complete portfolio of NEXT-GENERATION performance

Whether you need industry-leading multi-hazard protection or enhanced comfort and dexterity, Kevlar® engineered yarns allow manufacturers to design gloves and sleeves that meet the specific requirements for almost any job.

A complete portfolio of
next-generation performance



General manufacturing

Industry-leading Kevlar® engineered yarns provide the design flexibility to enable the right level of cut and thermal protection for almost any job.



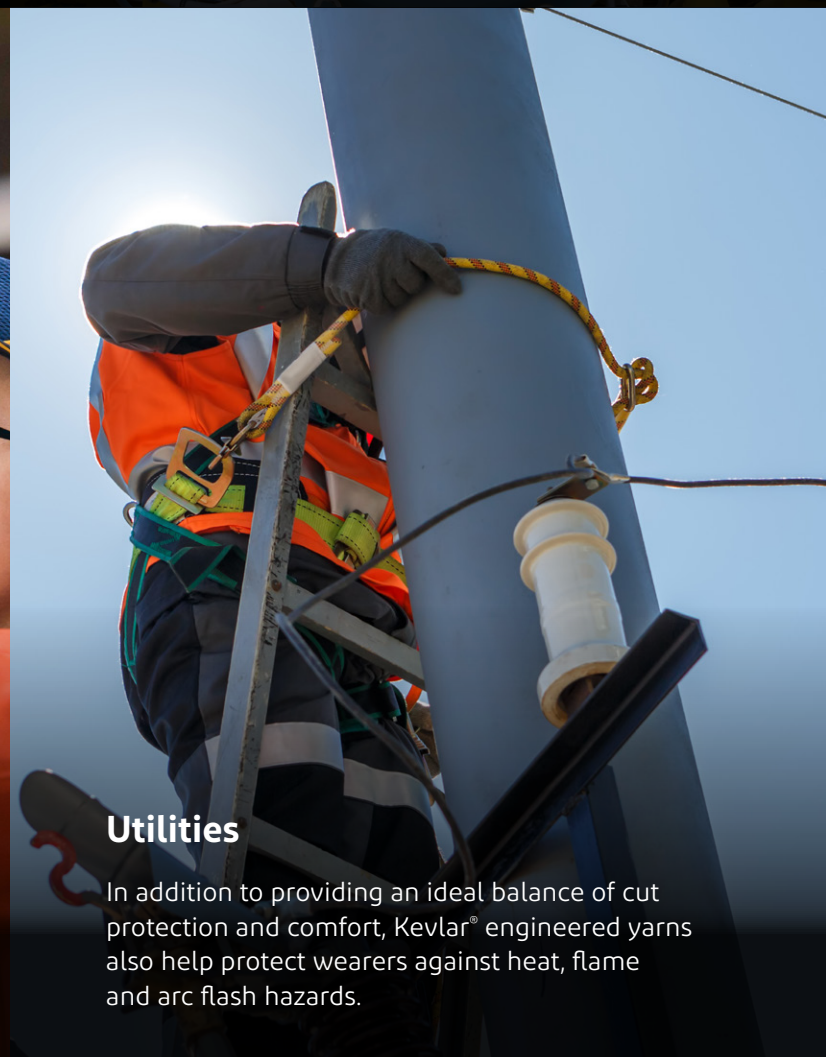
Oil & gas

No matter the task or industry, gloves and garments made with Kevlar® engineered yarns deliver superior cut protection that can withstand temperatures up to 800°F (426°C).



Automotive manufacturing

Kevlar® engineered yarns provide more than industry-leading protection from multiple hazards. They also add comfort and dexterity for every process on the production line.



Utilities

In addition to providing an ideal balance of cut protection and comfort, Kevlar® engineered yarns also help protect wearers against heat, flame and arc flash hazards.



Kevlar®

Let's get to work

Ready to take on tough jobs
with confidence?

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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