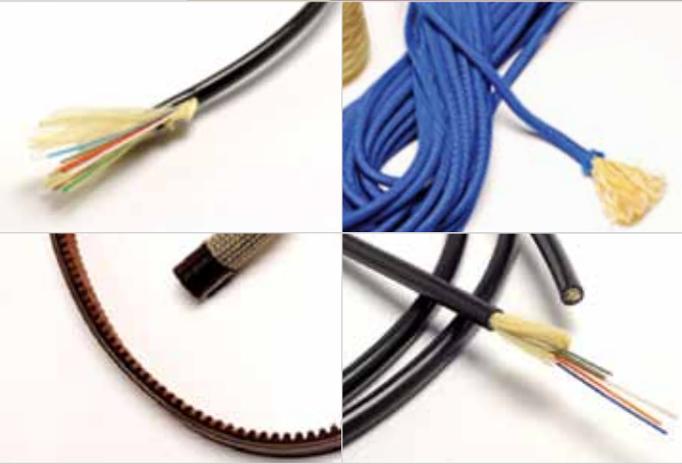


# DuPont™ Kevlar® K-29 AP

NEXT-GENERATION TECHNOLOGY DELIVERS  
HIGHER PERFORMANCE



DuPont is a dynamic science company that has been helping to change the world with breakthrough discoveries for more than 200 years. One great example is DuPont™ Kevlar® brand fiber—an innovative technology that combines high strength with light weight.

It all began in 1965 when groundbreaking research in the field of liquid crystalline polymer solutions led to the discovery of DuPont™ Kevlar®. The first commercial application was in the early 1970s when this incredibly strong yet light weight product was used as a replacement for steel in racing tires.

Since that time, DuPont™ Kevlar® has earned a worldwide reputation for helping dramatically improve the performance of a wide variety of consumer and industrial products—from hoses, ropes and cables to gloves, bullet-resistant vests and helmets and sporting goods, to name just a few.

Now, our scientists have developed the next-generation of advanced fiber technology for DuPont™ Kevlar®. This technology platform will enable us to introduce new products that provide improvements in performance over currently available fibers. DuPont™ Kevlar® K-29 AP is one of the first of these next-generation products.

## DuPont™ Kevlar® K-29 AP delivers higher performance and greater design flexibility

DuPont™ Kevlar® K-29 AP provides the same great properties you have come to expect from DuPont™ Kevlar® K-29 with one very important difference—it has up to a 15% higher tenacity than K-29. And, as shown in Figure 1, DuPont™ Kevlar® K-29 AP has more than double the tenacity of other materials commonly used in similar commercial and industrial applications.

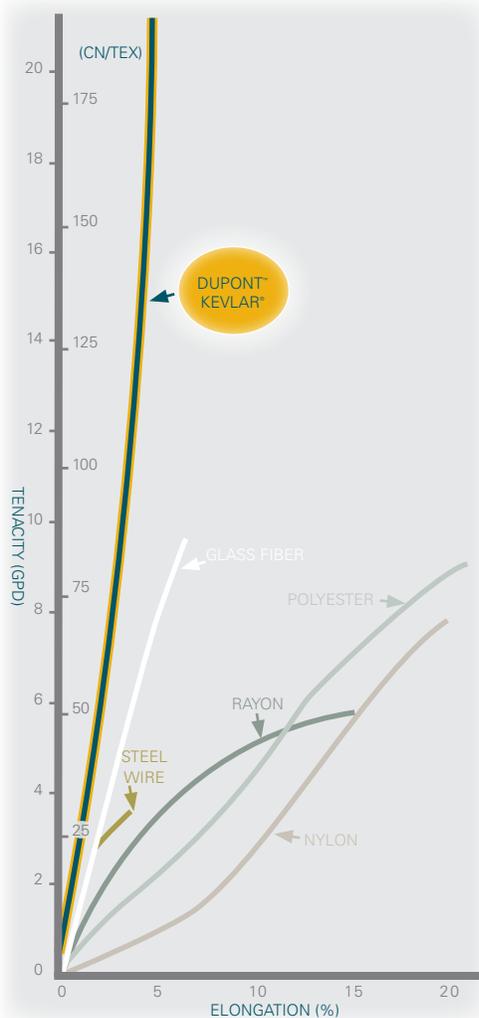


Figure 1. DuPont™ Kevlar® has more than double the tenacity of other materials commonly used in similar applications.



**Kevlar®**

This significant improvement in strength performance gives you greater design flexibility. With DuPont™ Kevlar® K-29 AP, you can use less yarn to achieve the same level of performance, resulting in cost savings, or you can continue to use the same amount of yarn and design higher performing products. You now have the flexibility to choose which option best meets your needs.

DuPont™ Kevlar® K-29 AP will be initially available in 750, 1000, and 1500 denier for use in a wide range of high-strength applications.

### Ideal for a wide range of applications

For more than 30 years, manufacturers have relied on DuPont™ Kevlar® K-29 to improve the performance of their products in a wide range of applications. New DuPont™ Kevlar® K-29 AP, with its significantly increased strength-to-weight ratio, will undoubtedly find success in many of the same applications, including:

- Ropes and cables
- Auto hoses and belts
- Composite materials
- Mooring lines
- Tires
- Fiber optic cables
- Climbing ropes
- Escape ropes for firefighters
- Umbilical hoses on offshore oil and gas refineries
- Sporting goods, such as tennis rackets, lacrosse sticks and canoes

### For more information

To learn more about DuPont™ Kevlar® K-29 AP and how this next-generation advanced fiber technology can help you improve the performance of your products, call 1-800-931-3456 or visit [www.kevlarap.dupont.com](http://www.kevlarap.dupont.com)



DuPont™ Kevlar® K-29 AP brand fiber provides increased strength-to-weight ratio, giving manufacturers greater design flexibility for a wide range of products.



*The miracles of science™*

1.800.931.3456  
[www.kevlarap.dupont.com](http://www.kevlarap.dupont.com)