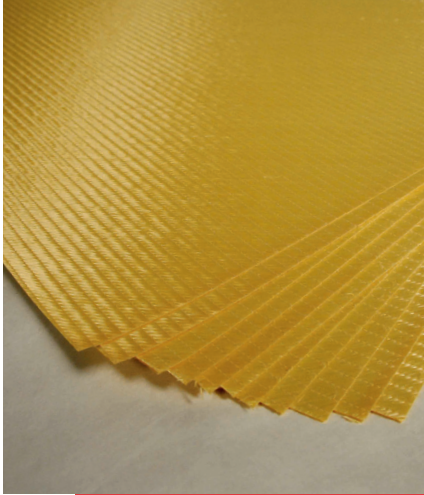


# DuPont™ Kevlar® XP™

## COMMERCIAL PRODUCT SPECIFICATION



### Innovative DuPont™ Kevlar® XP™:

Enables redesigns that meets NIJ and other applicable global standards

Reduces costs and increases wearer comfort due to fewer layers

Maintains performance after exposure to the elements

Reduces backface deformation by approximately 15% or more

### More protection, less material.

Kevlar® XP™ is the newest innovation from DuPont. With it, you can create NIJ III A vest designs that provide superior ballistic performance and reduce backface deformations by approximately 15% or more\*.

The unique architecture of Kevlar® XP™ also allows you to use fewer layers of material—reducing labor and material costs compared to current designs. Kevlar® XP™ features a patented new woven fabric technology that enables vests to weigh at least 10% less than those made with other commercially available technologies, while still being made of 100% Kevlar® material. This helps create a vest that is comfortable for the user.

### Proper Use

- To achieve optimal performance, place the layers in the same direction.
- Sheets must be converted into vests, which are suitable for the intended end-use.
- It is the sole responsibility of the vest manufacturer to design suitable products and obtain the relevant certifications before releasing vests to end-users.

### Proper Handling

- Avoid tearing and crushing the product.
- DO NOT use bleach or bleach products when cleaning Kevlar® XP™.
- When transporting sheets, follow proper handling procedures in accordance with package weight.

### Proper Storage

- Store in a dry temperate area, not to exceed 66°C (150°F) and avoid direct sun and UV light exposure.
- Keep product covered with black impermeable plastic.

Visit [kevlarp.dupont.com](http://kevlarp.dupont.com) to learn more.

## Technical Data

Property	Specification	Test Method
Width [mm]	1250 + 10	Internal
Thickness [mm]	0.46 +/- 0.03	Internal
Areal Density [g/m <sup>2</sup> ]	500.0 +/- 20	ISO 3801



# Kevlar® XP™

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\* Compared to other commercially available lightweight technologies for NIJ IIIA against .44 magnum bullets.

Caution: Do not use this product in medical applications involving permanent implantation in the human body. For other medical applications see "DuPont Medical Caution Statement",

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