



◀DUPONT▶

Kevlar®

**Braver & Stronger
together with Kevlar®**

Body Armor made with Kevlar®

Protecting those who protect us

Heroes in the line of fire never know what to expect when they start their day, what will they be up against, or what's waiting around the corner. One thing is definite, when lives are on the line, the right body armor can make all the difference. When that body armor utilizes DuPont™ Kevlar® fiber, it helps provide excellent performance, superior strength, and extreme flexibility .

Statistics show that body armor made with DuPont™ Kevlar® helps reduce the chance of bodily injury or death caused by physical, ballistic, stab, and slash attacks. This is why we continue to innovate and collaborate with government, law enforcement and manufacturing communities to help them advance, test, and improve upon the high-performance gear that allows those we count on to remain safe through the fight.



Whether it's protecting our neighborhoods or our nation, DuPont is committed to providing the critical protection that law enforcement and military personnel need to return home safely. Our four technical centers located around the globe are staffed with experts and filled with state-of-the-art technology to provide you with the technical support you need. At these centers, our scientists continuously analyze data and conduct research to challenge the boundaries of ballistic protection.

To meet the unique requirements of various regions, our three global ballistic testing ranges ensure that the performance of all ballistic applications meet the needs and requirements of the regions we serve. From body armor, helmet and vehicle armor testing to statistical and new product development testing, all solutions help to ensure the protection of those who depend on it.



Form	DTX	Structure Description	Nominal Conditioned Weight (g/m ²)	Merge/Style
KM2+ Plain Weave Fabric (High Tenacity)	1110 DTX	Greige	195	FA K190G
K29 Plain Weave Fabric (Standard Tenacity)	3330 DTX	Greige, Scoured	465	745GR/7451S
KM2+ Laminated Fabric (High Tenacity)	1110 DTX	Multi Threat Protection, Anti-stab, Trauma Layer, Single or Double Sided	240/290	AS K240S/K290D
XP Triaxial Fabric (High Tenacity)	N/A	Medium Weight Fabric to Balance Trauma and Ballistic Protection in Hybrid Solutions	525	XP K520
XP Triaxial Fabric (High Tenacity)	N/A	Reduced Layer Requirements for Trauma and Ballistic Protection	815	XP S107
XD Unidirectional Fabric (High Tenacity)	N/A	4 Ply Fabric for Trauma and Ballistic Protection and Monolithic Solutions	240	XD S002
XD Unidirectional Fabric (High Tenacity)	N/A	2 Ply Fabric for Ballistic Protection and Hybrid Solutions	140	XD K140
DuPont™ CoreMatrix™	N/A	3, 5, and 7 Ply Woven Structure Offering Additional Vest Flexibility	539/849/1324	CM K530G/ CM K840G/ CM K1320G

	Kevlar® Uni Directional Fabrics	Kevlar® XP™ Fabrics	Kevlar® Woven Fabric	Kevlar® Fabric Laminates	Kevlar® CoreMatrix™
Ballistic Protection	✓✓✓	✓✓	✓	✓	✓✓
Trauma Reduction	✓✓✓	✓✓✓	✓	✓✓	✓✓
Fragment Protection	✓	✓	✓✓✓	✓	✓✓✓
Flexibility	✓	✓	✓✓✓	✓	✓✓✓
Stab Protection	✓✓	✓	✓	✓✓✓	✓
Spike Protection	✓✓	✓	✓✓✓*	✓✓	✓

*Kevlar® woven fabrics that exhibit higher performance against spike are either light-denier, tightly woven, scoured fabric OR specialty finished medium-denier fabrics.

Visit kevlar.com to learn more

Below are recommendations to help ensure the longevity and high performance of this product. Follow these guidelines for optimal performance of the product.

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."

The information provided herein corresponds to our knowledge on the subject at the date of publication of this data sheet. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The

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