

ARCLIN

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, 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 Arclin™ Kevlar® fiber, it helps provide excellent performance, superior strength, and extreme flexibility.

Statistics show that body armor made with Arclin™ Kevlar® reduces 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, Arclin™ 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)	440 DTX	Water Repellent	130	3101F
KM2+ Plain Weave Fabric (High Tenacity)	670 DTX	Scoured, Water Repellent	155	6401S/F
KM2+ Plain Weave Fabric (High Tenacity)	940 DTX	Water Repellent	215	FA K210F/K211F
KM2+ Plain Weave Fabric (High Tenacity)	1110 DTX	Greige, Water Repellent	195	FA K190G/K190F/K191F
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	Versatile, Lightweight Fabric for Hybrid Solutions	320	XP S308
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
UD Unidirectional Fabric (High Tenacity)	N/A	4 Ply Fabric for Trauma and Ballistic Protection and Monolithic Solutions	240	XDS002
UD Unidirectional Fabric (High Tenacity)	N/A	2 Ply Fabric for Ballistic Protection and Hybrid Solutions	140	XD K140

	Kevlar® Uni Directional Fabrics	Kevlar® XP® Fabrics	Kevlar® Woven Fabric	Kevlar® Fabric Laminates
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.

Arclin.com/Life-Protection

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