

ARCLIN

Kevlar®



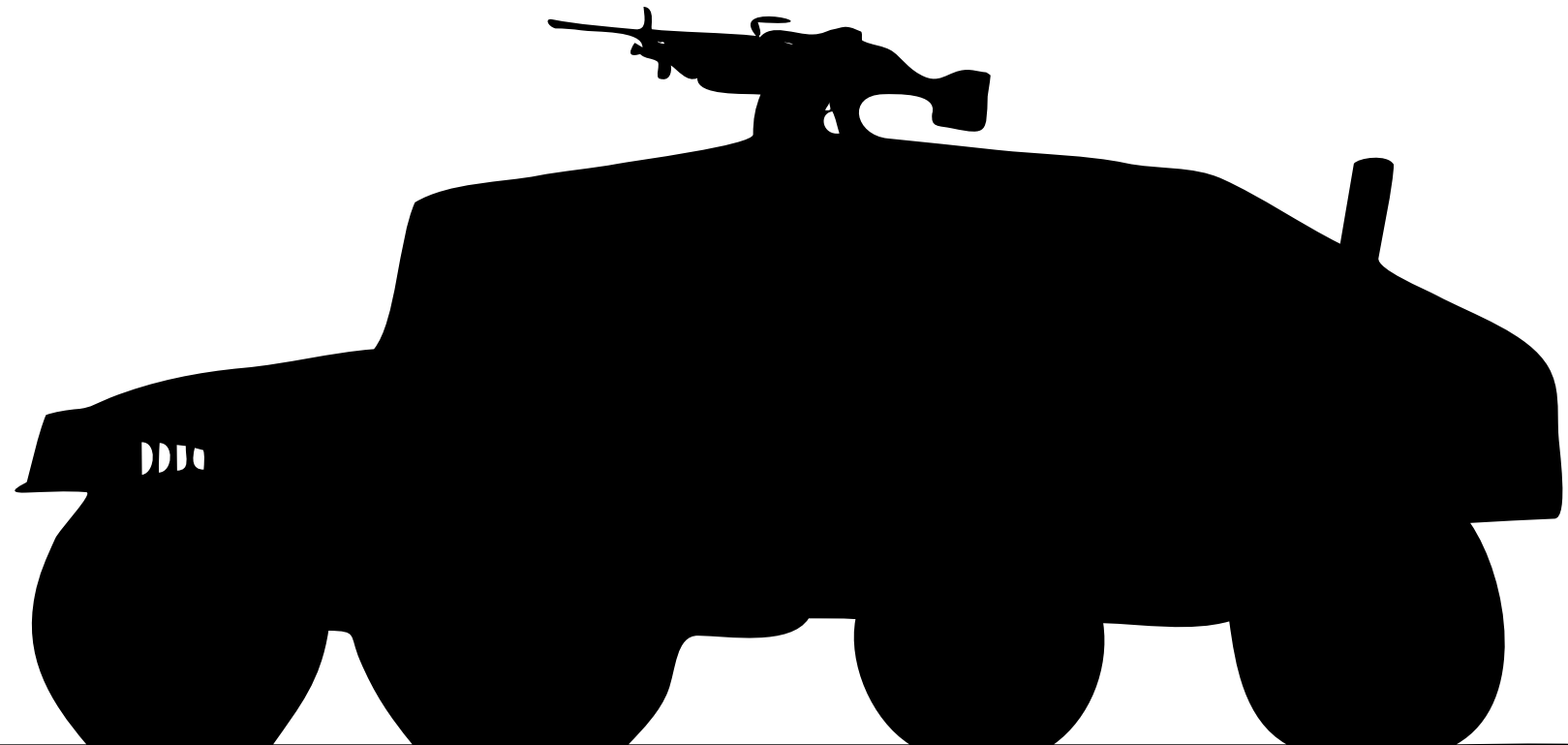
**Braver & Stronger
Together with Kevlar®**

Vehicle Armor made with Kevlar® and Tensylon®

Protecting those who protect us

In battle, even driving down a road can be life threatening. In the face of RPGs, EFPs, snipers and other threats, Arclin™ Kevlar® fiber helps vehicle armor protect our soldiers.

The men and women of the armed forces are faced with life-and-death challenges whether on foot or on the roads. The same technology we use in body armor can also be found in the interior of military ground vehicles and helicopters. Arclin™ Kevlar® technology is helping the military address the need for strong, lightweight, reliable, flame and heat resistant armor systems and spall protection for a range of vehicles, ships, airplanes and helicopters.



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Tensylon®

We are constantly looking for new ways to support a warrior's mission. By working with military protective gear companies, we help them as they develop solutions with Kevlar® fiber structures and Tensylon® UHMWPE unidirectional laminates containing Kevlar® fiber to be a part of the vehicle armor solution for combat and tactical vehicles.

Our advanced armor systems help offer the protection warriors need to focus on the fight without penalizing soldier survivability and vehicle performance. It's one of the ways we can help make the road home safer.



Form	DTX	Structure Description	Typical to Nominal in Conditioned Weight (g/m ²)	Merge/Style
K29 Plain Weave Fabric (Standard Tenacity)	3330 DTX	Grieger, Para-aramid	465	745GR/7451S
KM2+ TP PrePreg fabric (High Tenacity)	1110 DTX	Thermoplastic Para-aramid	260	HA K260
K129 PrePreg Fabric (High Tenacity)	3140 DTX	Heat Set, PrePreg, Single Sided, Para-aramid	460	2581HPP/HA K460S
Bidirectional Laminate	N/A	2 Ply - UHMWPE for Complex Shapes	110	30A
Bidirectional Laminate	N/A	4 Ply - UHMWPE for Noncomplex Panels	215	40A

Arclin.com/Life-Protection

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