



KNIGHT XV

PROTECTION LEVEL CHART

Cen Euronorm 1036 Test Summary

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CONQUEST

						CEN 1063	FOCT 950963-96
Glock 19 9mm			9X19mm	FMJ lead type bullet		B2	
Taurus .44 Magnum			.44 Magnum	GC SWC lead type bullet		B4	
TT Tokarev			7.62X25mm	57-N-134S with Pst. steel core bullet			2
AKM Kalashnikov 7.63			7.62X39mm	57-N-231 with PS. steel core bullet		B4+	3
AK-74 Kalashnikov 5.45			5.45X39mm	7N6 with PS. steel core bullet			3
VSK 94 9mm			9X39mm	SP6 with AP type bullet			
G3 7.62 rifle			7.62X51mm	M80 NATO Ball with lead type bullet		B6	
SVD Dragunov rifle			7.62X54mm	57-N-323S with LPS steel core bullet			5
AK-74 Kalashnikov 5.45			5.45X39mm	7N10 with PP, hard insert type bullet			4
M16 A1			5.56X45mm	M855 or SS109 NATO with hard insert bullet		B5	
AKM Kalashnikov 7.62			7.62X39mm	57-N-231 with TUS hard insert bullet			5
M16 A1			5.56X45mm	M193 with lead type bullet			
AKM Kalashnikov 7.62			7.62X39mm	57-BZ-231 with BZ API type bullet			5a
G3 7.62 rifle			7.62X51mm	P80 NATO M61 with AP type bullet		B7	
SVD Dragunov rifle			7.62X54mm	7N13 with PP AP type bullet			6
SVD Dragunov rifle			7.62X54mm	7BZ3 with B32 bullet API type			6a

PROTECTIVE ARMOURING LEVELS SPECIFICALLY FOR OPAQUE ARMOUR

Our armouring materials and installation methodology or know-how is used to defeat specific types of standard factory ammunition fired from assault rifles and machine guns. Ammunition characteristics are composed of caliber, case dimensions, propellant, primer and bullet composition. The amount of propellant, the metallic composition, weight and speed of the projectile play a significant role in determining its ability to penetrate protective armour. Any of the firearms and ammunition described above, may be selected by the client for the degree of protection that is required to protect their vehicle.



KNIGHT XV™

BALLISTIC TEST CHART

National Institute of Justice (NIJ) Standard 0101.04



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Armour Type	Test Round	Test Bullet	Bullet Weight/Gain	Reference Velocity	Max Backface Deformation
I	1	.22 Caliber LR LRN	2.6 g/40 gr.	1080ffl30 ft/s (329ffl10 m/s)	1.73 in (44 mm)
	2	.380 ACP FMJ RN	6.2 g/95 gr.	1055ffl30 ft/s (322ffl10 m/s)	1.73 in (44 mm)
IIA	1	9 mm FMJ RN	8.0 g/124 gr.	1120ffl30 ft/s (341ffl10 m/s)	1.73 in (44 mm)
	2	40 S&W FMJ	11.7 g/180 gr.	1055ffl30 ft/s (322ffl10 m/s)	1.73 in (44 mm)
II	1	9 mm FMJ RN	8.0 g/124 gr.	1205ffl30 ft/s (367ffl10 m/s)	1.73 in (44 mm)
	2	.357 Mag JSP	10.2 g/158 gr.	1430ffl30 ft/s (436ffl10 m/s)	1.73 in (44 mm)
IIIA	1	9 mm FMJ RN	8.2 g/124 gr.	1430ffl30 ft/s (436ffl10 m/s)	1.73 in (44 mm)
	2	44 Mag SJHP	15.6 g/240 gr.	1430ffl30 ft/s (436ffl10 m/s)	1.73 in (44 mm)
Levels for Hard Shields Only:					
III	1	7.62 mm NATO FMJ	9.6 g/148 gr.	2780ffl30 ft/s (847ffl10 m/s)	1.73 in (44 mm)
IV	1	.30 Caliber M2 AP	10.8 g/166 gr.	2880ffl30 ft/s (878ffl10 m/s)	1.73 in (44 mm)

NIJ Certified - US NIJ Standard 0101.04 is a standard for Ballistic Resistance of Police Body Armor developed by the law enforcement standards laboratory of the National Institute of Justice (NIJ), US Department of Justice, Washington DC.