

BALLISTIC STANDARDS

The following are several of the internationally accepted ballistic standards, which define levels of protection. Please consult with USA Secur*Glass to clearly define your protection needs. All tests are based on average bullet velocity.

N.I.J. BALLISTIC STANDARD 0108-01			
LEVEL	FIREARM	PROJECTILE	VELOCITY
I	.22 LRHV	40 grain	1050 ft/s
	.38 Special	158 grain	900 ft/s
IIA	.357 Magnum	158 grain	1250 ft/s
	9 mm Handgun	124 grain	1090 ft/s
II	.357 Magnum HV/JSP	158 grain	1395 ft/s
	9 mm Handgun HV/FMJ	124 grain	1175 ft/s
IIIA	.44 Magnum Handgun	240 grain	1350 ft/s
	9 mm S.M.G (9 mm X 19)	124 grain	1400 ft/s
III	7.62 X 51 or .308 Rifle M80	147 grain	2750 ft/s
IV	7.62 X 63 mm --- M14 AP	166 grain	2850 ft/s

EURONORM BALLISTIC STANDARD EN1063			
LEVEL	FIREARM	PROJECTILE	VELOCITY
B1	.22 Rifle LRHV	40 grain	315 m/s :: 1050 ft/s
B2	9 mm	124 grain	427 m/s :: 1400 ft/s
B3	.38 Special	158 grain	259 m/s :: 900 ft/s
B4	.357 Magnum	158 grain	425 m/s :: 1395 ft/s
	.44 Magnum	240 grain	427 m/s :: 1350 ft/s
B5	7.62 X 33 mm --- .30 CAL Carabina	110 grain	600 m/s :: 2200 ft/s
	7.62 X 39 mm --- AK-47	123 grain	715 m/s :: 2400 ft/s
B6	7.62 X 51 mm --- M-80	149 grain	838 m/s :: 2750 ft/s
	.308 Winchester FMJ	149 grain	838 m/s :: 2750 ft/s
	5.56 X 45 mm --- M-16	55 grain	919 m/s :: 3250 ft/s
B7	30.06 Perforante AP	166 grain	869 m/s :: 2850 ft/s

UNDERWRITERS LABORATORY BALLISTIC STANDARD 752

LEVEL	FIREARM	PROJECTILE	VELOCITY
1	9 mm	124 grain	1175 ft/s
2	.357 Magnum	158 grain	1250 ft/s
3	.44 Magnum	240 grain	1350 ft/s
4	30.06 Rifle	180 grain	2540 ft/s
5	7.62 X 51 mm or .308 Rifle	150 grain	2750 ft/s
6	9mm Uzi (9mm X 19)	124 grain	1400 ft/s
7	5.56 X 45 mm Rifle	55 grain	3080 ft/s
8	7.62 X 51 mm (LC/FMJ Military) AP	150 grain	2850 ft/s

BALLISTIC ACRONYMS

LRHV	Long Rifle High Velocity	CAI	Category Added by Industry
AP	Armor Piercing	FMJ	Full Metal Jacket
JSP	Jacketed Soft Point	RN	Round Nose
SWC	Semi - Wadcutter		

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