



Centigon Glass

Protection. Innovation. Worldwide.

BALLISTIC CHART

PRODUCT			INTERNATIONAL STANDARD			THREAT				TEST CONDITIONS				
NAME	THICKNESS +- 5%	WEIGHT +- 5%	NIJ 0108.01	CEN 1063	STANAG AEP 55 Vol. 1	TYPE OF WEAPON	CALIBER - TYPE OF BULLET	BULLET MASS (g)	CORE	BULLET VELOCITY (m/s)	ENERGY	SHOT (quantity)	DISTANCE	SHOT DISTANCE (m)
Protection	9mm						9 mm FMJ	8 g	Soft Lead	332 ± 12 m/s	441 J	1	5m	NA
Bronco	14mm	28Kg/m ²		II A			.357 Mag JSP 9mm FMJ	10,2 g 8 g	Soft Lead	381 ± 15 m/s 332 ± 12 m/s	740 J 441 J	5	5m	200mm
Eagle	16mm	32Kg/m ²		II			.357 Mag JSP 9mm FMJ Nato	10,2 g 8 g	Soft Lead	425 ± 15 m/s 358 ± 12 m/s	921 J 519 J	5	5m	200mm
Hawk	18,5mm	37Kg/m ²		III A			.44 Mag SWC 9mm FMJ Nato	15,55 g 8 g	Soft Lead	426 ± 15 m/s 426 ± 15 m/s	1.416 J 726 J	5	5m	200mm
Classic ^{BR4}	21mm	42Kg/m ²			BR4		.44 Mag FMJ2/FN/SC	15,55 g	Soft Lead	440 ± 10 m/s	1.510 J	3	5m	120mm
Dragon	23mm	46Kg/m ²			BR4		.44 Mag FMJ2/FN/SC	15,55 g	Soft Lead	440 ± 10 m/s	1.510 J	3	5m	120mm
							5,56 x 45 FMJ2/PB/SCP1	4 g	Soft Lead and Steel Core	950 ± 10 m/s	1.805 J	2	10m	150mm
							7,62 x 39 FMJ1/PB/SCP3	8 g	Steel	700 ± 10 m/s	2.074 J	4	10m	350mm
Panther	27mm	56Kg/m ²			B4+		7,62 x 39 FMJ1/PB/SCP3	8 g	Steel	700 ± 10 m/s	2.074 J	3	10m	120mm
Classic ^{BR5}	33mm	66Kg/m ²			BR5		5,56 x 45 FMJ2/PB/SCP1	4 g	Soft Lead and Steel Core	950 ± 10 m/s	1.805 J	3	10m	120mm
Tiger	37mm	74Kg/m ²			B6+		5.56 x 45 FMJ2/PB/SC	3,56 g	Soft Lead	937 ± 20 m/s	1.563 J	3	10m	120mm
Classic ^{BR6 NIJ III}	42mm	84Kg/m ²			BR6		7,62 x 51 FMJ1/PB/SC	9,5 g	Soft Lead	830 ± 10 m/s 838 ± 15 m/s 833 ± 20 m/s	3.306 J 3.336 J 3.296 J	3 5 4	10m 6m	120mm 200mm 25 mm, 100mm
Classic ^{NIJ IV}	55mm	110Kg/m ²			IV		30-06 AP	10,8 g	Penetrating Steel Core	868 ± 15 m/s	4.078 J	1	10m	NA
							7,62 x 39 FMJ1/PB/API	8 g	Penetrating Steel Core	695 ± 20 m/s	1.932 J	4	6m	25 mm, 100mm
Classic ^{BR7}	72mm	144Kg/m ²			BR7		7,62 x 51 FM2/PB/HC1	9,8 g	Penetrating Steel Core	820 ± 10 m/s	3.261 J	3	10m	120mm
UL10	100mm	200Kg/m ²					.50 FMJ/PB/HC	43 g	Soft Lead	930 ± 10 m/s	18.595 J	1	5m	NA

Ammunition Abbreviations

JSP Jacketed Soft Point
FMJ Full Metal Jacket
FMJ1 Full Copper Alloy Jacket
FMJ2 Full Copper Alloy Jacket
SWC Semi Wadcutter
FN Flat Nose Bullet
PB Pointed Bullet

SC Soft Core (Lead)
SCP1 Soft Core (Lead) With steel
SCP3 Soft Core (Lead) With steel type PS
AP Armor Piercing
API Armor Piercing Incendiary
HC Steel Hard Core
HC1 Steel Hard Core with a hardness greater than 63 HRC



CEN 1063

3 Impacts in a triangle with 120mm sides



NIJ 0108.01

5 impacts in a 200 mm square (4 corners + center)



STANAG

