

Thickness Recommendations

27.12.2017

Standard EN	Protection level	Threat	Bullet weight (grams)	Distance (meters)	Striking velocity (m/s)	Armox/Ramor 500 HB (mm)	Ramor 550 HB (mm)	Armox 600 HB (mm)	Armox Advance (mm)
EN1522	FB2	9mm Luger	8.00	5	415±10	2.00			
EN1522	FB4	.44 Magnum	15.60	5	440±10	2.50			
PM 2007	Class 4	.357 Magnum	10.20	5	430±10				
EN1522	FB4+	7.62 x 39mm AK-47(M43)	8.00	10	720±10	4.00	3.70	Ramor 3.50	
PM 2007	Class 6								
EN1522	FB6	5.56 x 45mm SS109 (M855)	4.00	10	950±10	6.50	5.90	5.00	4.50
PM 2007	Class 7	7.62 x 51mm Nato Ball	9.55	10	830±10				
EN1522	FB7	7.62 x 51mm P80 Nato AP	9.45	10	820±10	14.50	13.00	12.20	9.00
PM 2007	Class 9								

Standard Stanag	Protection level	Threat	Bullet weight (grams)	Distance (meters)	Striking velocity (m/s)	500 HB (mm)	550 HB (mm)	600 HB (mm)	Advance (mm)
Stanag 4569	Level 1	7.62 x 51mm Nato Ball	9.55	30	833±20	9.00	8.10	6.00	5.00
		5.56 x 45mm SS109 (M855)	4.00	30	900±20				
		5.56 x 45mm M193	3.56	30	937±20				
Stanag 4569	Level 2	7.62 x 39mm AK-47 API BZ	7.77	30	695±20	12.20	10.10	8.00	7.00

Standard NIJ	Protection level	Threat	Bullet weight (grams)	Distance (meters)	Striking velocity (m/s)	500 HB (mm)	550 HB (mm)	600 HB (mm)	Advance (mm)
NIJ 0108.01	level II	.357 Magnum	10.20	5	425±15	2.20			
NIJ 0108.01	level IIA	9 mm FMJ	8.00	5	358±15	2.50			
		.357 Magnum	10.20	5	381±15				
NIJ 0108.01	level IIIA	9 mm FMJ	8.00	5	332±15	2.50			
		.44 Magnum	15.55	5	426±15				
NIJ 0108.01	level III	9 mm FMJ	8.00	5	426±15	6.00	5.00	5.00	4.50
NIJ 0108.01	level III	7.62 x 51 FMJ (Ball)	9.70	15	838±15				
NIJ 0108.01	level IV	.30 Cal AP M2	10.80	15	868±15	14.00	13.00	10.00	9.00

Standard GOST	Protection level	Threat	Bullet weight (grams)	Cartridge	Striking velocity (m/s)	500 HB (mm)	550 HB (mm)	600 HB (mm)	Advance (mm)
GOST	Level 2	Small-gage pistol	2.50	5.45mm 7H7 pistol type	325±15	2.20			
		Tokarev pistol	5.50	7.62 x 57mm H-134C pistol type	430±15				
GOST	Level 3	Machine-gun AK-47	3.50	5.45mm 7H6	900±10	4.70	3.90		
		Machine-gun AKM	7.90	7.62 x 57mm H-231 (M43)	725±15				
GOST	Level 5	Machine-gun AKM	7.90	7.62 mm 57-H-231 Steel heat treated	725±15	6.70	5.90		
		Sniper rifle	9.60	7.62 mm 57-H-323C rifle type	830±10				