

Summary of Ballistic Threat Levels and Ratings

Table X1.1 ASTM F 1233

Handguns (Automatic Pistols and Revolvers)

Standard	Threat Level, Rating	Weapon Caliber	Bullet Weight (Grains)	Bullet Velocity fps. Min.	Bullet Velocity fps Max	Number of Shots	Range, Feet
NU	I	.22LR. ©	40	1010	1090	5	16.0
HPW	A	.38 spec.	158	700	800	3 (d)	20.0
NIJ	I	.38 spec.	158	800	900	5	16.0
NIJ	II-A	9 mm by 19 LV	124	1050	1130	5	16.0
DIN	CI-SF	9 mm by 19 (HV)	124	1166	1199	3	9.84
HPW	B	9 mm by 19 (HV)	124	1100	1180	3 (d)	20.0
NIJ	II	9 mm by 19 (HV)	124	1135	1215	5	16.0
ANSI/UL	M.P.S.A.	.38 super auto.	130	1152	1344	3	15.0
ASTM	.38 super	.38 super auto.	130	1230	1330	3 (e)	25.0
NIJ	II-A	.357 mag. (LV)	158	1200	1300	5	16.0
HPW	B	.357 mag.	158	1250	1375	3	15.0
ANSI/UL	H.P.S.A.	.357 mag. (HV)	158	1305	1523	3	15.0
BSI	G1	.357 mag. (HV)	158	1378	1574	3	9.84
DIN	C2-SF	.357 mag. (HV)	158	1363	1396	3	9.84
ANSI/UL	S.P.S.A.	.44 mag.	240	1323	1544	3	15.0
ASTM	.44 mag.	.44 mag.	240	1400	1500	3 (e)	25.0
BSI	G2	.44 mag.	240	1451	1647	3	9.84
DIN	C3-SF	.44 mag.	240	1429	1461	3	9.84
HPW	C	.44 mag.	240	1350	1450	3 (d)	20.0
NIJ	III-A	.44 mag.	240	1350	1450	5	16.0

Carbines and Sub Machine Guns

Standard	Threat Level, Rating	Weapon Caliber	Bullet Weight (Grains)	Bullet Velocity, fps Min.	Bullet Velocity, fps Max.	Number of Shots	Range, Feet
ASTM	sub. m.g.	9 mm by 19 (HV)	124	1350	1450	3 (e)	25.0
BSI	GO	9 mm by 19 (HV)	115	1247	1443	3	9.84
NIJ	III-A	9 mm by 19 (HV)	124	1350	1450	5	16.0
SD	minimum	9 mm by 19 (HV)	115	1350	1450	3 (f)	30.0