

In order to adhere to a consistently high standard, we have all of our ballistic testing performed by H.P. White Laboratory, Inc., the most respected name in ballistic testing.

All of our vests are tested in accordance with the Federal Standards for the Ballistic Resistance of Police Body Armor (NIJ STD 0101.03). Our vests are tested not only for resistance to penetration, but for blunt trauma as well. Blunt trauma is the impact of the bullet on your body even when there is no penetration, and it can be dangerous. However, when we certify a vest against a threat level it INCLUDES blunt trauma protection as per Federal Standards.

Ballistic Data

CLASS	NIJ Threat Level	Bullet Type	Barrel Length (inch)	Velocity	
				fps	mps
CLASS I	Protects against all ammunition listed. Meets and exceeds NIJ STD 0101.03 for Type I Armor including Backface Deformation (Blunt Trauma). .22 LR 40 grain up to 1050 fps, .38 Special Lead 158 grain up to 850 fps and lesser ballistic threats.	.22 Cal. 40 Grain LR	6	1050	320
		.25 Cal. Auto 50 Grain FMJ	2	810	247
		.32 Cal. Auto 71 Grain FMJ	4	905	276
		.380 Cal. Auto 88 Grain JHP	4	990	302
		.38 Cal. Special Lead 158 Grain RN	6	850	259
		.38 Cal. Special 158 Grain SWC	6	850	259
CLASS IIA	Protects against all Class I as well as all ammunition listed. Meets and exceeds NIJ STD 0101.03 for Type IIA Armor including Backface Deformation (Blunt Trauma). .357 Magnum JSP 158 grain up to 1250 fps, 9mm FMJ 124 grain up to 1090 fps and lesser ballistic threats.	.22 Mag. 40 Grain Solid Point	4½	1180	360
		.38 Cal. Special 125 Grain SJHP + P	6	1028	314
		.38 Cal. Special 158 Grain Lead + P	6	1090	332
		.38 Cal. Special 110 Grain JHP + P	6	1235	377
		.45 Cal. Auto 230 Grain FMJ	5	810	247
		.357 Mag. 158 Grain JSP	4	1250	381
		.357 Mag. 158 Grain Lead	4	1250	381
		.357 Mag. 158 Grain Lead SWC	4	1250	381
		.41 Mag. 210 Grain Lead	4	965	294
		9mm 95 Grain JSP	4	1250	381
		9mm 100 Grain JHP	4	1250	381
		9mm 124 Grain FMJ	4	1090	332
		9mm 115 Grain JHP	4	1160	354
		9mm 147 Grain Subsonic	5	1050	319
		9mm 147 Grain Jacketed Hydra Shok	5	1050	319
		10mm 170 Grain JHP	5	1175	357
		10mm 200 Grain Full Jacket TC	5	1075	327
CLASS II	Protects against all Class I and IIA as well as all ammunition listed. Meets and exceeds NIJ STD 0101.03 for Type II Armor including Backface Deformation (Blunt Trauma). .357 Magnum JSP 158 grain up to 1395 fps, 9mm FMJ 124 grain up to 1175 fps and lesser ballistic threats.	.41 Mag. 210 Grain JSP	4	1300	397
		.44 Mag. 240 Grain JSP	4	1180	360
		.44 Mag. 240 Grain Lead SWC	4	1200	366
		.357 Mag. 125 Grain JHP	4	1450	442
		.357 Mag. 110 Grain JHP	4	1550	473
		.357 Mag. 158 Grain JSP	6	1395	425
		.357 Mag. 158 Grain Hornady	6	1445	441
		10mm 175 Grain Silvertip	5	1225	372
		9mm 124 Grain FMJ	5	1175	358
		9mm 115 Grain Silvertip	5	1170	355
INT'L. CLASS II PLUS	Protects against all Class I, Class IIA and Class II ammunition. In addition will defeat most steel core 9mm ammunition when fired from a pistol and lesser ballistic threats. Meets and exceeds NIJ STD 0101.03 for Type II Armor including Backface Deformation (Blunt Trauma).	9mm 123 Grain FMJ Lapua	4	1200	366
		9mm 123 Grain FMJ Geco	4	1200	366
		9mm 116 Grain FMJ Norma	4	1150	351
		9mm 116 Grain FMJ Canadian	5	1250	381
		9mm 116 Grain FMJ Musgrave	5	1230	374
		9mm 115 Grain FMJ Israeli	4	1200	366
		9mm 115 Grain JHP + P +	5	1345	408
CLASS IIIA	Protects against all Class I, Class IIA, Class II as well as all ammunition listed. Meets and exceeds NIJ STD 0101.03 for Type IIIA Armor including Backface Deformation (Blunt Trauma). .44 Magnum lead SWC GAS CHECKED 240 Grain up to 1400 fps, 9mm FMJ 124 Grain up to 1400 fps and lesser ballistic threats.	.44 Mag. 240 Gr. SWC (Gas Checked)	6	1400	427
		9mm 124 Grain FMJ	9½	1400	427
CLASS IIIA PLUS	Protects against all Class I, Class IIA, Class II, Class IIIA as well as all ammunition listed. In addition will defeat multiple shot bursts of submachine gun fire. Meets and exceeds NIJ STD 0101.03 for Type IIIA Armor including Backface Deformation (Blunt Trauma).	9mm 123 Grain FMJ Lapua	16	1445	439
		9mm 123 Grain FMJ Geco	16	1310	400
		9mm 116 Grain FMJ Norma	16	1325	404
		9mm 116 Grain Canadian	16	1400	425
		9mm 115 Grain FMJ Israeli	16	1300	397