

SKYFLEX™ IIIA

SOFT ARMOR PANELS Ballistic Specification

REV 1.24

NIJ 0101.06 MODEL #	SkyFlex IIIA
NIJ 0101.06 THREAT LEVEL	IIIA
NIJ CERTIFICATION SIZES	C1 - C5
BALLISTIC MATERIAL	Twaron / Dyneema
WEIGHT	.86 psf
THINNESS	.21 in [5.33mm]
V50 - 357sig 125gr FMJ (new)	1862 ft/s [567 m/s]
V50 - 357sig 125gr FMJ (conditioned)	1808 ft/s [551 m/s]
P-BFS Avg. - 357sig 125gr FMJ	27 mm
V50 - 44mag 240gr SJHP (new)	1749 ft/s [533 m/s]
V50 - 44mag 240gr SJHP (conditioned)	1744 ft/s [531 m/s]
P-BFS Avg. - 44mag 240gr SJHP	35 mm

SPECIAL THREAT TESTING			
V50 - 2gr RCC	3019 fps [920 m/s]	P-BFS Avg. - 40cal 165gr GDHP	27 mm
V50 - 4gr RCC	2658 fps [810 m/s]	V50 - 5.7x28mm 27gr SS195 HP	2549 fps [777 m/s]
V50 - 16gr RCC	2265 fps [690 m/s]	P-BFS Avg. - 5.7x28mm 27gr SS195 HP	14 mm
V50 - 17gr FSP (.22cal)	2012 fps [613 m/s]	V50 - 5.7x28mm 40gr SS197 SR	2402 fps [732 m/s]
V50 - 64gr RCC	1801 fps [549 m/s]	P-BFS Avg. - 5.7x28mm 40gr SS197 SR	20 mm
V50 - 9mm 127gr SXT	1748 fps [533 m/s]	V50 - 7.62x25mm TOK SJLC	1794 fps [547 m/s]
P-BFS Avg. - 9mm 127gr SXT	28 mm	P-BFS Avg. - 7.62x25mm TOK SJLC	23 mm
V50 - 40cal 165gr GDHP	NA - Testing Terminated Due to Velocity Limitation		

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