

# SKYFLEX™ II

**SOFT ARMOR PANELS** Ballistic Specification

REV 1.24

<b>NIJ 0101.06 MODEL #</b>	SkyFlex II
<b>NIJ 0101.06 THREAT LEVEL</b>	II
<b>NIJ CERTIFICATION SIZES</b>	C1 - C5
<b>WEIGHT</b>	.69 psf
<b>THINNESS</b>	.19 in (4.82mm)
<b>BALLISTIC MATERIAL</b>	Woven Twaron / Spectra Shield II
<b>PANEL COVERING</b>	70d Nylon Rip Stop w/TPU LAM
<b>V50 - 9mm 124gr FMJ</b>	1654 ft/s (504m/s)
<b>P-BFS Avg. - 9mm 124gr FMJ</b>	30.8 mm
<b>V50 - 357mag 158gr JSP</b>	1626 ft/s (496m/s)
<b>P-BFS Avg. - 357mag 158gr JSP</b>	30.9 mm

## SPECIAL THREAT TESTING

<b>V50 - 2gr RCC</b>	2645 fps (806 m/s)
<b>V50 - 4gr RCC</b>	2315 fps (706 m/s)
<b>V50 - 16gr RCC</b>	1937 fps (590 m/s)
<b>V50 - 17gr FSP (.22cal)</b>	1836 fps (560 m/s)
<b>V50 - 64gr RCC</b>	1790 fps (546 m/s)
<b>V50 - 9mm 124gr GDHP</b>	1686 ft/s (514 m/s)
<b>P-BFS Avg. - 9mm 124gr GDHP</b>	27.9 mm
<b>V50 - 9mm 127gr SXT</b>	1586 fps (483 m/s)
<b>P-BFS Avg. - 9mm 127gr SXT</b>	29 mm
<b>V50 - 40cal 165gr GDHP</b>	NA - Testing Terminated Due to Velocity Limitation
<b>P-BFS Avg. - 40cal 165gr GDHP</b>	29 mm
<b>V50 - 5.7x28mm 40gr SS197 Blue Tip</b>	2071 fps (631 m/s)

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