



Quintium™

Polymer Ballistic Performance Against Different Threats

<u>Threat</u>	<u>velocity(fps)</u>	<u>sample construction</u> (Strikeface/ innerlayer/ spall shield)	<u>Areal Wt(lbs)</u>	<u>notes</u>
17gr FSP	V50 = 1148	.25" Q17	1.43	
.22 LR solid	1200	.5" Q17	2.85	
9mm 124gr FMJ	1420	3/16" TG / .5" Q19 / .088" PC	5.59	
9mm 124gr FMJ	1190	1" Q17	5.75	
9mm 124gr FMJ	1295	.75" Q19 / .230 PC	5.72	
44 mag 240gr SWC	1430	.75" Q19 / .230 PC	5.72	
44 mag 240gr SWC	1404	.093" SL / .5" Q19 / .25" Q17	5.48	
7.62x39 124gr FMJ	2450	.093" SL / 1.75" Q19 / .088" PC	11.68	high temp, 2" spacing
M80 150gr FMJ	2750	.250" SL / 2.5" Q19 / .088" PC	17.81	high temp, 2" spacing
50 cal FSP	V50=1380	1.0" Q17	5.75	

SL = Soda lime glass TG = Tempered glass PC = Polycarbonate

FSP = frag simulating projectile FMJ = Full metal jacket, lead core SWC = Semi-wadcutter