

Typically if you wish to stop rifle rounds one would choose an NIJ rated "In conjunction with" or a "stand alone" plate that meets the NIJ standard for threat level 3 or 4, unfortunately that will mean that concealability is lost unless you choose steel, which is heavy, or the latest generation hot pressed UDPE, which can be very costly. Our solution is to veer from the NIJ standard, which emphasizes reducing the BFT (Blunt Force Trauma) to 44mm or less and stopping six M-80 rounds, which tends to make plates **thick** and **not** concealable.

Statistics show however that 1 - 3 shots are the most plates have ever taken in the field, and BFT of 50mm plus is very survivable. Plus, the fact that the laboratory tests at unrealistic velocities and at perfect zero-degree obliquity, which doesn't happen in the field. So we invented level "E" essentially a level in between NIJ level 3-A and NIJ level 3. Even with a 3-A panel behind the Stealth "E" plate it won't meet NIJ specs against Level 3 rifle rounds.

However, if you want to at least stop them, and be very concealable or stealthy as we like to say, then this is the plate you should wear because NIJ compliant plates are generally too thick. So you can think of this plate as Level E or NIJ level 3-A with a plus in front of it, and in most cases this is all you need!

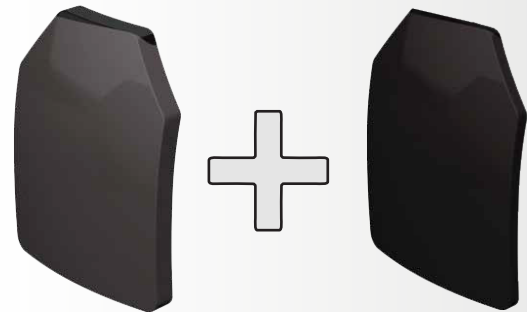
ICW System



Level E ICW 1.95lbs

SAS FF3A

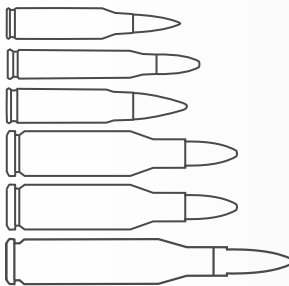
RDRK Stand Alone System



Level E SA 2.98 lbs

IIA Backer Plate

* This plate is not designed to defeat steel core rifle ammunition, and is guaranteed for only lead core ammunition. Further, it must be in front of a suitable level 3-A ballistic system and should not be used by itself against rifles threats!



Threat Level E	Velocity	Result
NIJ Level 3-A Pistol Threats & Knives	Spec	3-A Compliant
AR-15 M193 55 gr. .223 Lead Core	3168 fps	STOPPED
AK-47 7.62 x 39 M67 Lead Core	2379 fps	STOPPED
7.62 x 51 147 gr. M80 Lead Core	2780 fps	STOPPED
.308 Lead Core	2780 fps	STOPPED
.30-06 165 gr., 180 gr. Lead Core	2800 fps	STOPPED

Testing against NIJ Level 3 M-80 test projectile at a certified lab reveals average BFS of 50mm

Contact us at sales@stealtharmorsystems.com to learn more.