



Templar™ Ballistic Packages Model TRP, Level IIIA (patent-pending)

PRODUCT SPECIFICATIONS	
Ballistic Materials	Kevlar XP
Ballistic Panel	Ballistic panel covering to be constructed of urethane coated 1.9oz nylon in order to resist ingress of water.
Standards	Certified to: NIJ Standard-0101.06 Requirements.
Armor Carriers	Available in all MSA Paraclete Concealable, lightweight outer, and tactical carriers.
Ballistic Warranty	Five years from date of manufacture.

BALLISTIC PERFORMANCE				
Ballistic Limit V-50 (fps)	Threat 1 9MM	Threat 2 357 Mag	Threat 1 357 Sig	Threat 2 44Mag
NIJ Level II	N/A	N/A	N/A	N/A
NIJ Level IIIA	N/A	N/A	1781	1644

PHYSICAL CHARACTERISTICS			
NIJ Threat Level	Areal Density (psf)	Thickness (in.)	Flexibility Index (FI)*
IIIA	1.13	.198	2.33

* Flexibility Index = $\{\sum[(X_i, \text{warp} + X_i, \text{fill}) / 2] \times \text{Layers}_i\} / 100$ (cm-g)

Where: I = different fabric components in the system
 X_i, warp = Flexural Rigidity in the warp direction (cm-g) as measured by ASTM D 1388, Standard Test Method for Stiffness of Fabrics
 X_i, fill = Flexural Rigidity in the fill direction (cm-g) as measured by ASTM D 1388, Standard Test Method for Stiffness of Fabrics
 Layers_i = Number of total layers of the component system

BACKFACE SIGNATAURE (BFS)		
NIJ Threat Level	C-2 BFS (mm)	C-5 BFS (mm)
IIIA	36.4	35.5
.44 Mag BFS reported.		