



# Templar™ Ballistic Packages Model KNX, Level II and IIIA (patent-pending)

PRODUCT SPECIFICATIONS	
<b>Ballistic Materials</b>	Teijin Twaron woven aramid and Honeywell GoldFlex aramid laminate.
<b>Ballistic Panel</b>	Ballistic panel covering to be constructed of urethane coated 1.9oz nylon in order to resist ingress of water.
<b>Standards</b>	Certified to: NIJ 0101.06 Requirements
<b>Armor Carriers</b>	Available in all MSA Paraclete Concealable, Lightweight outer, and tactical carriers.
<b>Ballistic Warranty</b>	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	1749	1652	N/A	N/A
NIJ Level IIIA	N/A	N/A	1800	1667

PHYSICAL CHARACTERISTICS			
NIJ Threat Level	Areal Density (psf)	Thickness (in.)	Flexibility Index (FI)*
II	.89	.195	1.3
IIIA	1.17	.245	2.07

\* 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  
 $X_i, \text{warp}$  = Flexural Rigidity in the warp direction (cm-g) as measured by ASTM D 1388, Standard Test Method for Stiffness of Fabrics  
 $X_i, \text{fill}$  = Flexural Rigidity in the fill direction (cm-g) as measured by ASTM D 1388, Standard Test Method for Stiffness of Fabrics  
 $\text{Layers}_i$  = Number of total layers of the component system

BACKFACE SIGNATURE (BFS)		
NIJ Threat Level	C-2 BFS (mm)	C-5 BFS (mm)
II	38.3	38.8
IIIA	39.3	38.4

.357 MAG BFS reported for Level II. .44 MAG BFS reported for Level IIIA.