

NEW

GS3000P

2009

High Performance Low Cost Armor Solution Defeat

NIJ STD. 0108.01 Level II & IIIA
PM 2000 STD. Level PM2, PM3 & PM4
EN STD. 1063 Level BR2, BR3 & BR4

Armor Solutions Weight & Performance

Composite	STD.	LEVEL	Caliber	Tested at	Thickness	Weight	
				[Laboratory]	[mm]	kg/sqm	lb/sft
GS3000P-B2	PM2000 EN 1063	PM2 BR2	9 mm	Ulm, Germany	3.0	4.0	0.82
GS3000P-II	NIJ 0108.01	II	.357 Mag 9 mm	FMS	3.0	4.0	0.82
GS3000P-IIIA	NIJ 0108.01	IIIA	9 mm .44 Mag.	HPWhite	3.4	4.5	0.92
GS3000P-B3	PM2000 EN 1063	PM3 BR3	.357 Mag. Geco	Ulm, Germany	6.0	8.5	1.74
GS3000P-B4	PM2000 EN 1063	PM4 BR4	.357 Mag. Geco .44 Mag.	Ulm, Germany	6.4	9.0	1.84

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GS3000P

Uni-Directional Aramid Panel for Hard Armor Applications

A new and revolutionary material combines Aramid fibers in a Uni-Directional thermoplastic matrix to provide a tension free matrix capable of absorbing more energy than similar woven products. The product consists of four plies of uni-directional aramid fiber tapes cross-plyed at 0°/90°/0°/90°.

Applications

Hard armor stand alone plates
Backing for ceramic or steel plates
Pressed panels used in vehicle armor

Product Characteristics

Excellent Water resistance
Excellent Chemical resistance
Excellent protection against steel-jacketed rounds (such as 9mm DM41)
Excellent protection against angle shots at 60°
Excellent protection against fragments
Low blunt trauma
Excellent Heat resistance – performance remains the same at 100° C
Excellent fire retardant – self extinguished

Standard size: 1600x1375 mm, other sizes available up to 1600x2500 mm

Six times stronger than steel

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