

Product Specification Sheet



GS3000P is a new and revolutionary product that combines para-aramid fibers with a thermoplastic matrix in a uni-directional non-woven composite, capable of absorbing more energy than similar woven products.

It consists of four plies of uni-directional aramid fiber tapes cross-plied at 0/90/0/90.

GS3000P

Product Specifications

Applications

- ❖ Hard armor stand-alone plates
- ❖ Backing for ceramic/steel plates
- ❖ Pressed panels used for vehicle armor



Product Features

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

Armor Solution and Performance

Product Code	Specifications			Ballistic Standard			Test Laboratory
	Thickness mm	Areal Density kg/m2 lb/ft2		Standard	Level	Ammunition	
GS3000P-B2	3.0	4.00	.82	PM2000 EN1063	PM2BR2	9mm	Beschumssamt Ulm, Germany
GS3000P-II	3.0	4.00	.82	NIJ0108.01	II	.357Mag 9 mm	FMS Ballistic Lab
GS3000P-III A	3.4	4.50	.92	NIJ0108.01	IIIA	9mm 0.44 Mag	H.P. White Laboratory
GS3000P-B3	6.0	8.5	1.74	PM2000 EN1063	PM3BR3	.357Mag Geco	Beschumssamt Ulm, Germany
GS3000P-B4	6.4	9.0	1.84	PM2000 EN1063	PM4BR4	.357Mag Geco 0.44 Mag	Beschumssamt Ulm, Germany

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