



PRELCO

PREL-SECUR DATASHEET

Military Bullet-Resistant Glazing

Standard Ballistic Protection*	Prel-Secur	KE Threat	Nominal Thickness	Weight lbs/sq.ft (kg/sq.m)
EN 1063 Class BR6	PS M1575S-NS	7.62 mm x 51 NATO, FSJ (M80)	1 19/32" (40 mm)	17.43 (85.1)
	PS M1575P-NS		1 19/32" (40 mm)	19.06 (93)
STANAG Level 1	PS M1800P-NS	5.56 mm x 45 M193 5.56 mm x 45 NATO SS109 7.62 mm x 51 NATO (M80)	1 13/16" (46 mm)	21.2 (103)
STANAG Level 2	PS M2625P-NS	7.62 mm x 39 API BZ	2 5/8" (67 mm)	31.11 (152)
	PS M2500V		2 17/32" (64 mm)	31.3 (156)
STANAG Level 2 & .50 cal	PS M2610S-NS	12.7 mm x 99, M33 ball	2 5/8" (67 mm)	32.4 (158)
STANAG Level 3	PS M3900P-NS	7.62 mm x 54R B32 API	3 31/32" (100 mm)	47.34 (231)
		7.62 mm x 51 AP (WC core)		
	PS M4700P-NS	7.62 mm x 54R B32 API	4 23/32" (120 mm)	56.3 (275)
		7.62 mm x 51 AP (WC core)		

*Tested at an independent laboratory. Test report available upon request.

STANAG 4569; AEP-55, Volume 1: Procedures For Evaluating The Protection Level Of Armoured Vehicles

NOTE: Panel weight should not exceed 700 lbs (318kg)

Prel-Secur - Glass and Polycarbonate				
Product	NIJ 0108.01 Level¹	Weapon	Nominal thickness	Weight lbs/sq ft (kg/sq.m)
PS 2060P-NS	3	7.62 x 51 M80	2 1/16" (52 mm)	24 (117.18)
PS 2250P-NS	4	30-06 M2 AP	2 1/4" (57 mm)	26,4 (128.9)

¹: Tested to NIJ 0108.01 Ballistic rating

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Prel-Secur - All Glass				
Product	NIJ 0108.01 Level¹	Weapon	Nominal thickness	Weight lbs/sq ft (kg/sq.m)
PS 1045V	2	.357" / 9mm	1 1/8" (29 mm)	13,7 (66.89)
PS 1290V	2	.357" / 9mm	1 9/32" (33 mm)	16 (78.12)
PS 900SV-1	3-A	.44 / 9mm	15/16" (24 mm)	9,7 (47.36)
PS 1770V	3-A	.44 / 9mm	1 25/32" (45 mm)	22 (107.41)
PS 1250SV	3-A	.44 / 9mm	1 5/16" (33 mm)	15,5 (75.68)
PS 1625SV	3	7.62 x 51 M80	1 5/8" (41 mm)	19 (92.77)
PS 2500V	4	30-06 M2 AP	2 1/2" (64 mm)	29 (141.59)

¹: Tested to NIJ 0108.01 Ballistic rating

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