



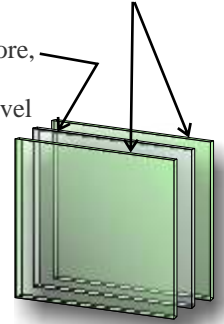
**FORCED ENTRY
& DETENTION**

g l a s s

Detention Center

GLASS CLAD POLYCARBONATE

- Standard Sizes for Polycarbonate Laminates up to 60" x 120" or 72" x 96"
Larger Sizes Available Upon Request
- Insulating Units Available
ASTM E 2190 Certified
- Strengthened Glass Surfaces for
Maximum Scratch & Chemical Resistance
- High Impact Polycarbonate Core,
Single or Multi-Layered
to Meet Desired Protection Level
- Urethane Interlayers Create
High-Strength Bond



Glass Clad Polycarbonate Products

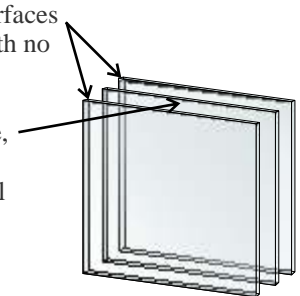
Product Number	Forced Entry Protection	Ballistic Protection	Thickness Tolerance			Weight lbs/sq ft	Visible Light Transmittance	Winter U-Value	Solar Heat Gain Coefficient	Shading Coefficient
			Nominal	Min	Max					
DGCP437	ASTM 1233-95 Class 1 Forced Entry	N/A	.458"	.436"	.508"	4.46	82.2%	.868	.720	.832
DGCP562	ASTM F1915-05 Grade 4 10 Min. Forced Entry	HPW-TP-0500.03 Level A Ballistics .38 Special Modified (Spall No Penetration)	.560"	.528"	.620"	5.09	77.9%	.806	.709	.819
DGCP687	ASTM F1915-05 Grade 3 20 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics 9mm Modified (Spall No Penetration)	.715"	.658"	.791"	6.06	75.4%	.746	.700	.809
DGCP750	ASTM F1915-05 Grade 2 40 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics 9mm Modified (Spall No Penetration)	.703"	.647"	.778"	5.97	73.4%	.741	.696	.804
DGCP812	ASTM F1915-05 Grade 3 20 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics 9mm Modified (Spall No Penetration)	.744"	.683"	.823"	6.21	73.0%	.730	.693	.800
DGCP937	ASTM F1915-05 Grade 2 40 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics .357 Magnum Modified (Spall No Penetration)	.846"	.775"	.935"	6.85	69.2%	.685	.686	.792
DGCP1000	ASTM F1915-05 Grade 1 60 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics .357 Magnum Modified (Spall No Penetration)	.960"	.879"	1.061"	7.57	67.3%	.650	.682	.787
DGCP1250	ASTM F1915-05 Grade 1 60 Min. Forced Entry	HPW-TP-0500.03 Level C Ballistics .44 Magnum Modified (Spall No Penetration)	1.221"	1.123"	1.326"	10.71	63.8%	.634	.641	.740

Size Restrictions: Ask for Details



**LAMINATED
POLYCARBONATE**

- Mar-Resistant Polycarbonate Surfaces
Maximum Impact Resistance with no
Worry of Glass Breakage
- High Impact Polycarbonate Core,
Single or Multi-Layered
to Meet Desired Protection Level
- Urethane Interlayers Create
High-Strength Bond



All Polycarbonate Products

Product Number	Forced Entry Protection	Ballistic Protection	Thickness Tolerance			Weight lbs/sq ft	Visible Light Transmittance	Winter U-Value	Solar Heat Gain Coefficient	Shading Coefficient
			Nominal	Min	Max					
DLP375	ASTM F1915-05 Grade 3 20 Min. Forced Entry	HPW-TP-0500.03 Level A Ballistics .38 Special No Spall	.399"	.341"	.418"	2.35	78.6%	.831	.794	.915
DLP500	ASTM F1915-05 Grade 2 40 Min. Forced Entry	HPW-TP-0500.03 Level A Ballistics .38 Special No Spall	.506"	.455"	.557"	3.13	72.2%	.762	.770	.888
DLP750	ASTM F1915-05 Grade 1 60 Min. Forced Entry	HPW-TP-0500.03 Level B Ballistics 9mm No Spall	.786"	.707"	.865"	4.88	70.0%	.661	.763	.880
DLP1000	HPWTP0500.03 Level 4	HPW-TP-0500.03 Level B Ballistics .357 Magnum Modified, No Spall	1.061"	.956"	1.169"	6.56	62.6%	.585	.741	.854
DLP1250	HPWTP0500.03 Level 4 Thru Step 44	UL 752 Level 3 Ballistics .44 Magnum, No Spall	1.311"	1.180"	1.443"	8.14	60.7%	.524	.736	.848

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