



LUMIGLAS

- Ultra-low Temperature Glass
- Sapphire Glass
- Explosion-proof Sight Glass
- UV/IR Glass
- High Pressure Burst Discs
- High Pressure Level Gauge
- Machine Tool Safety Glass
- Mica Sealing Components
- High Temp & High Pressure Glass
- Alkali-resistant Mica Glass
- Photovoltaic Coated Glass
- Bulletproof & Blast-proof Glass
- High Vacuum Sight Glass
- High Pressure Sight Glass
- Defogging Sight Glass
- Pressure Vessel Sight Glass
- Fluorine-lined Anti-corrosion Glass
- Explosion-proof Washing Sight Glass

Highly Specialized Manufacturer of Special Glass

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Province

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- **Bulletproof Composite Glass**
- **Blast-proof Glass**
- **Impact-Resistant Tempered Explosion-proof Glass**
- **Machine Tool Safety Glass**
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High-performance safety industrial glass

ISO 9001:2015 Standard
GB/T19001-2016 Standard

EJ/T 9001-2014 Standard
GJB9001C:2017 Standard

BULLETPROOF COMPOSITE GLASS

Lumistar bulletproof composite glass utilizes a multi-layer lamination of impact-resistant Polycarbonate (PC) sheets, TPU interlayers, and glass. Formed under high temperature and high pressure, this composite material offers superior impact resistance and anti-pressure capabilities. We offer various bonding structures and thickness adjustments to withstand different weapon calibers and attack scenarios.



National Military Standard Performance

No.	Code	Firearm Type	Ammunition Type	Velocity (m/s)	Bullet Weight (g)	Energy (J)
1	F64	Type 64 7.62mm Pistol	Lead Core Bullet	300-320	4.72-4.87	212.4-249.3
2	F54	Type 54 7.62mm Pistol	Steel Core Bullet	420-440	5.56-5.69	490.4-550.8
3	F79	Type 79 7.62mm SMG	Steel Core Bullet	480-515	5.56-5.69	640.5-754.6
4	F56	Type 56 7.62mm Rifle	Steel Core Bullet	710-725	7.75-8.05	1953.4-2115.6
5	FJ79	Type 79 7.62mm Sniper	Steel Core Bullet	830-870	9.45-9.75	3255-3689.9
6	F95	Type 95 5.8mm Rifle	87-style 5.8mm Steel Core	930-960	3.25	1277.6-1739
10	FM16	M16 5.56mm	M193 Cartridge	948-1000	11.79	1625-1765
11	FAK47	AK47 7.62mm Rifle	M1943 7.62*39	710	16.4	1980

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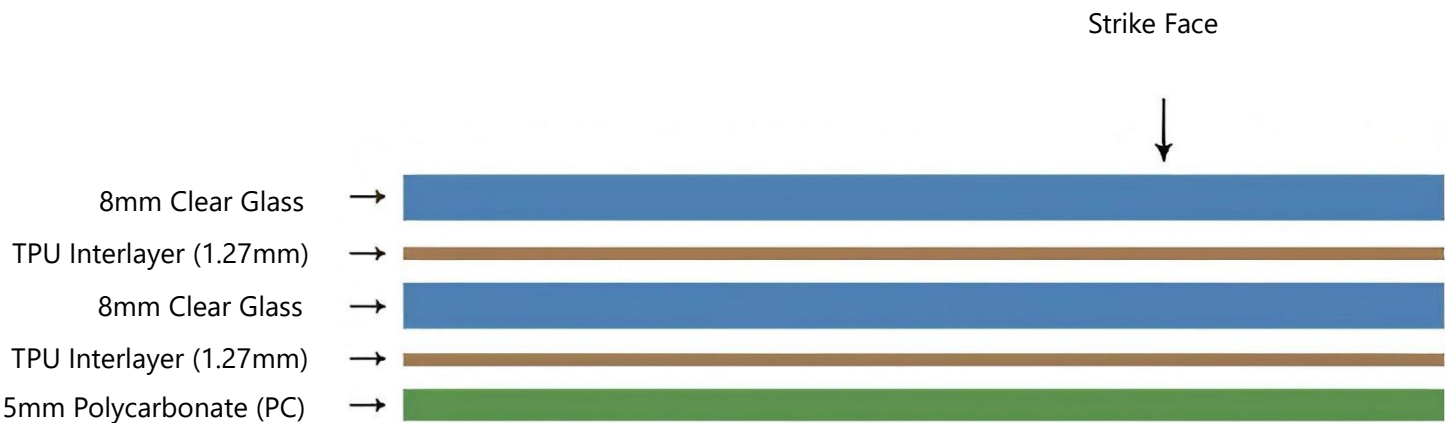
EJ/T 9001-2014 Standard
GJB9001C:2017 Standard

Bulletproof Product Specifications

Model: FDCL-2B-23-LMX-I (Defense against **Type 54 Pistol**)

- **Standard:** GA165-2016
- **Transmittance:** > 78%
- **Weight:** 45 kg/m ²
- **Nominal Thickness:** ~23.54mm
- **Configuration:** 8mm Glass + TPU + 8mm Glass + TPU + 5mm PC

Composition Structure (Strike Face → Protected Side)



High-performance safety industrial glass

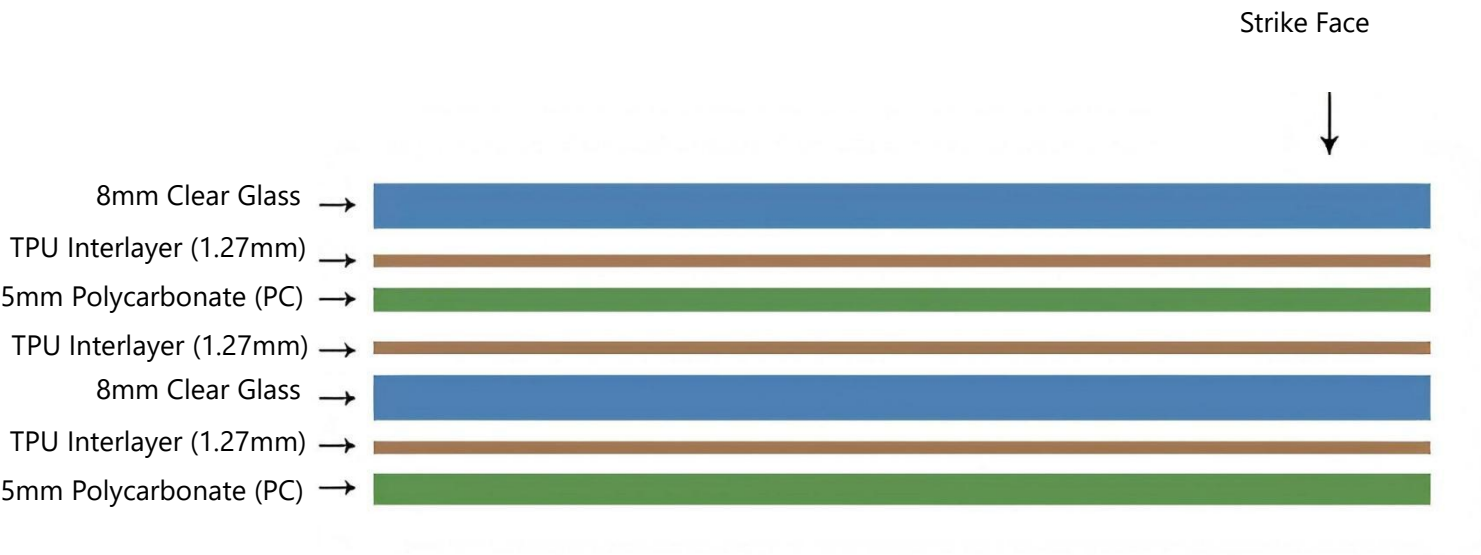
ISO 9001:2015 Standard
GB/T19001-2016 Standard

EJ/T 9001-2014 Standard
GJB9001C:2017 Standard

Bulletproof Product Specifications

Model: FDCL-3B-30-LMX-I (Defense against **Type 79 SMG**)

- **Standard:** GA165-2016
- **Transmittance:** > 75%
- **Weight:** 60 kg/m ²
- **Nominal Thickness:** ~29.81mm
- **Configuration:** (8mm Glass x 2) + (5mm PC x 2) + (TPU Interlayers x 3)



High-performance safety industrial glass

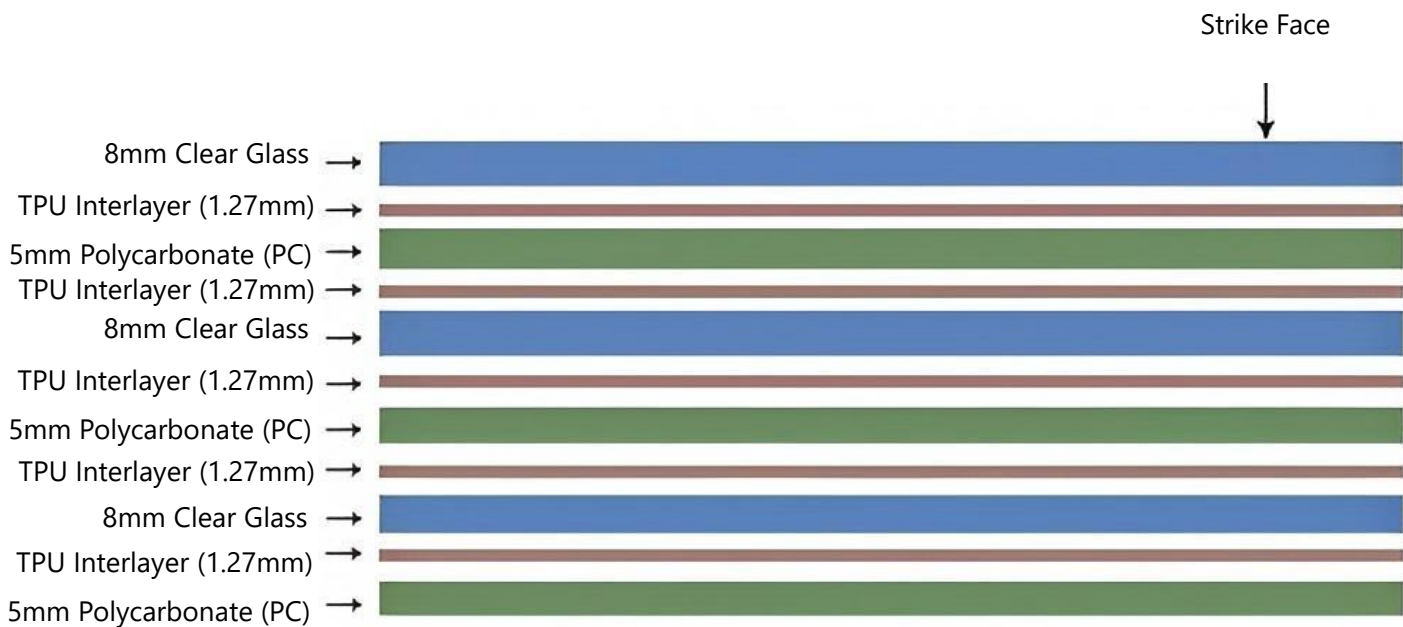
ISO 9001:2015 Standard
GB/T19001-2016 Standard

EJ/T 9001-2014 Standard
GJB9001C:2017 Standard

Bulletproof Product Specifications

Model: FDCL-4B-48-LMX-I (Defense against **Type 56 / F95 Rifles**)

- **Standard:** GA165-2016
- **Transmittance:** > 70%
- **Weight:** 96 kg/m ²
- **Nominal Thickness:** ~48.35mm
- **Configuration:** (8mm Glass x 3) + (5mm PC x 3) + (TPU Interlayers x 5)



High-performance safety industrial glass

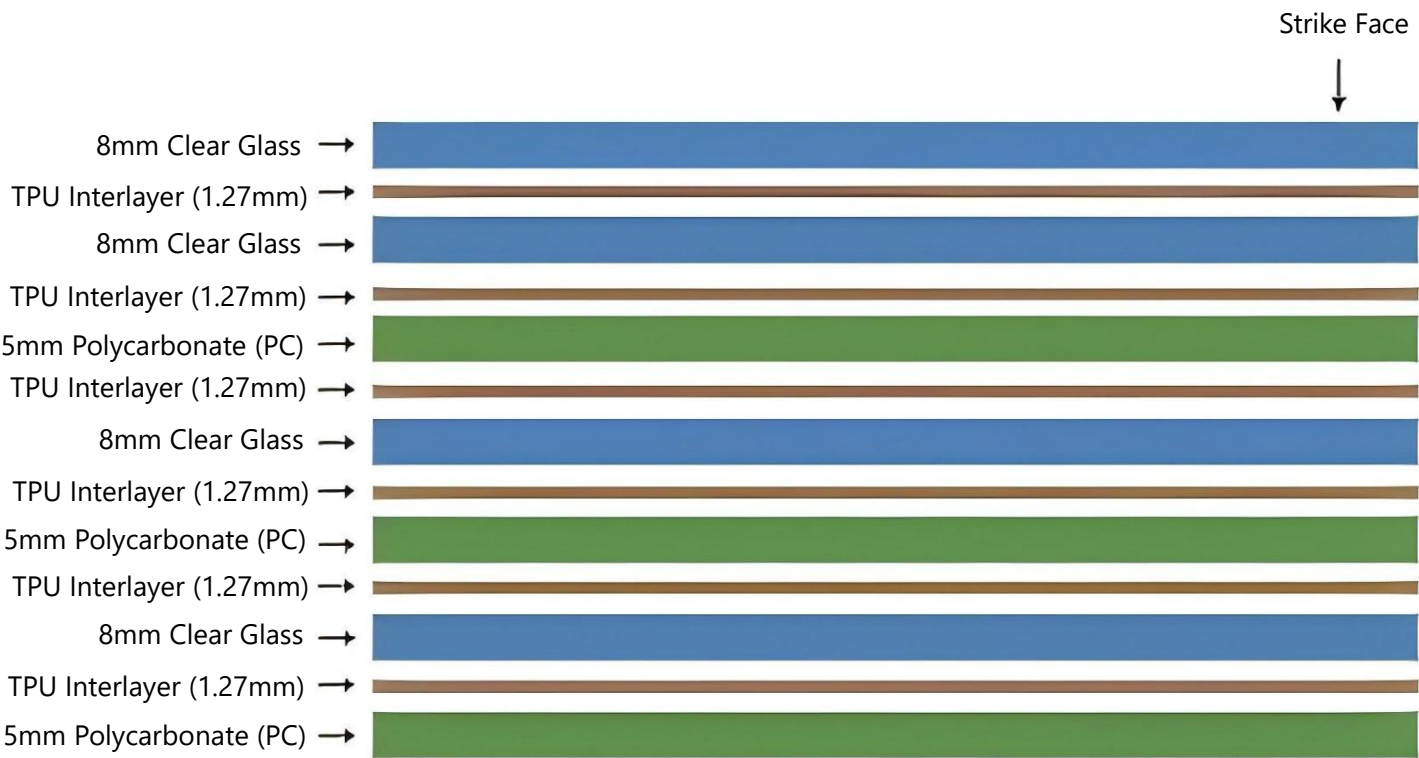
ISO 9001:2015 Standard
GB/T19001-2016 Standard

EJ/T 9001-2014 Standard
GJB9001C:2017 Standard

Bulletproof Product Specifications

Model: FDCL-5B-55-LMX-I (Defense against **FJ79 Sniper - Steel Core**)

- **Standard:** GA165-2016
- **Transmittance:** > 60%
- **Weight:** 110 kg/m ²
- **Nominal Thickness:** ~54.62mm
- **Configuration:** (8mm Glass x 4) + (5mm PC x 3) + (TPU Interlayers x 6)



High-performance safety industrial glass

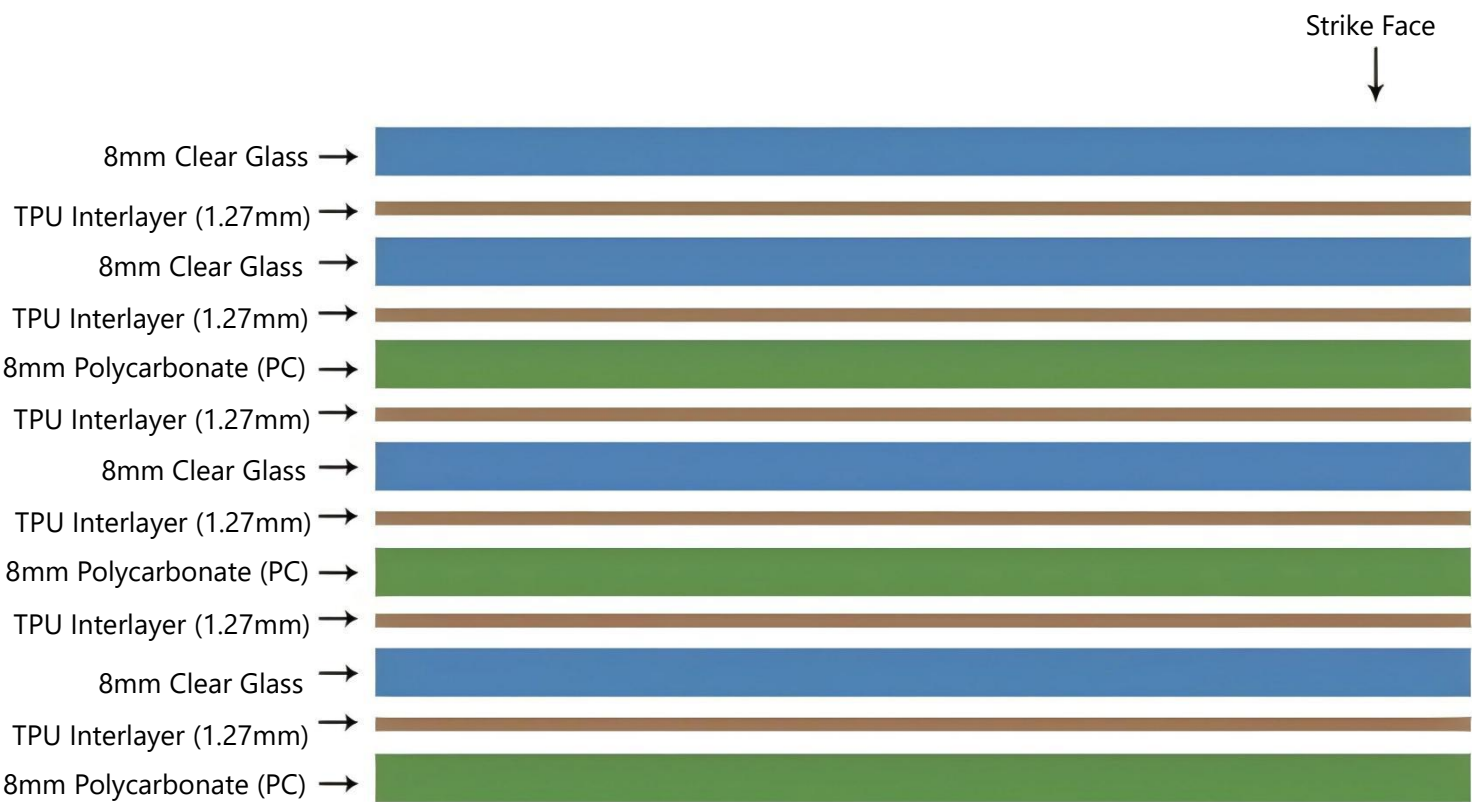
ISO 9001:2015 Standard
GB/T19001-2016 Standard

EJ/T 9001-2014 Standard
GJB9001C:2017 Standard

Bulletproof Product Specifications

Model: FDCL-6B-63-LMX-I (Defense against **FJ79 Sniper - Armor Piercing**)

- **Standard:** GA165-2016
- **Transmittance:** > 60%
- **Weight:** 130 kg/m ²
- **Nominal Thickness:** ~63.62mm
- **Configuration:** (8mm Glass x 4) + (8mm PC x 3) + (TPU Interlayers x 6)



High-performance safety industrial glass

ISO 9001:2015 Standard
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