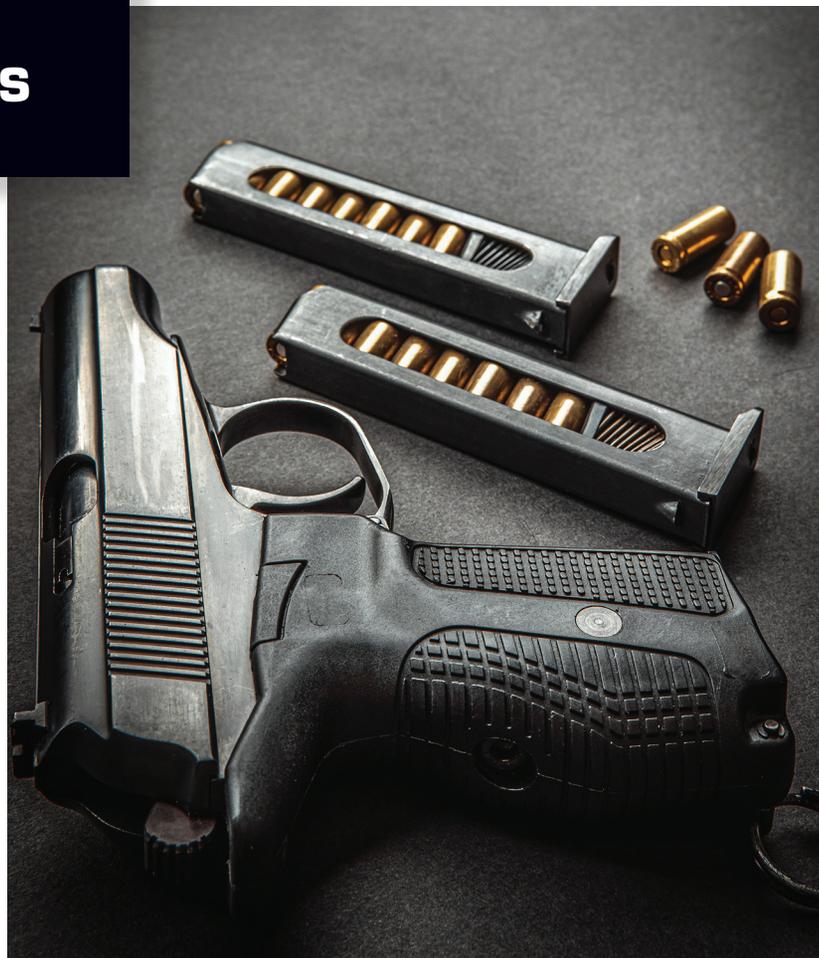


# BULLET RESISTANT STEEL DOOR & FRAME ASSEMBLIES

- AMBICO bullet resistant steel door and frame assemblies are secure from ballistic attack, yet they have the appearance of standard hollow metal doors, making them perfect for important facilities such as government buildings, army bases, banks, bomb shelters and security barriers
- Bullet resistant steel door and frame assemblies are subject to the criteria established in the document *UL 752 Standard for Safety for Bullet-resisting Equipment*. The UL 752 document is a standardized set of requirements associated with creating bullet resistant components such as doors, barriers and glass shielding
- AMBICO's complete range of bullet resistant door and frame assemblies is available with factory installed bullet resistant glazing. The bullet resistant capacity of the glass must be complementary to that of the assembly
- Ten distinct levels of bullet resistance are established within the UL 752 document, ranging from a small .38 mm handgun (Level 1) through to a .50 caliber, high powered, military assault rifle (Level 10). When selecting an AMBICO bullet resistant steel door and frame assembly, do so with reference to the anticipated threat
- Units have been designed to accept readily available heavy weight builders hardware from levels 1 through 8. For levels 9 and 10 or where necessary, hinges capable of carrying heavy door weights are factory supplied
- Paired openings are available and supplied with either an overlapping astragal or full jamb depth, bullet resistant mullion to split the doors. For fire rated openings a mullion must be used



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For details, see performance chart on reverse



# BULLET RESISTANT STEEL DOOR & FRAME ASSEMBLIES

## UL 752 TEST PERFORMANCE STANDARDS

RATING	AMMUNITION	WEIGHT (Grams)	FEET per SECOND	NUMBER of SHOTS
Level 1	9mm Full Metal Copper Jacket with Lead Core	8	1175	3
Level 2	.357 Magnum Jacketed Lead Soft Point	10.2	1250	3
Level 3	.44 Magnum Lead Semi-Wadcutter Gas Checked	15.6	1350	3
Level 4	.30 caliber Rifle Lead Core Soft Point	11.7	2540	1
Level 5	7.62 mm Rifle Lead Core Full Metal Copper Jacket, Military Ball	9.7	2750	1
Level 6	9mm Full metal Copper Jacket with Lead Core	8	1400	5
Level 7	5.56mm Rifle Lead Core Full Metal Copper Jacket with Lead Core	3.56	3080	5
Level 8	7.62 mm Rifle Lead Core Full Metal Copper Jacket, Military Ball	9.7	2750	5
Level 9	Armor Piercing .30 Caliber Rifle Steel Core Lead Point Filler Full Metal Jacket	10.8	2715	1
Level 10	.50 Caliber Rifle Lead Core Full Metal Copper Jacket, Military Ball	45.9	2810	1

## FIRE RATED

DOOR THICKNESS	DOOR WEIGHT (lb/ft <sup>2</sup> )	VISION LITE OPTIONS	FIRE RATING (Minutes)
1¾"	7	NL and HL	180
1¾"	10	NL and HL	180
1¾"	10	Consult factory	180
2"	16	Not available	-
2"	21	Not available	-
1¾"	16	Not available	-
2"	21	Not available	-
2"	21	Not available	-
2¼"	26	Not available	-
2¼"	32	Not available	-

## NON-FIRE RATED

DOOR THICKNESS	DOOR WEIGHT (lb/ft <sup>2</sup> )	VISION LITE OPTIONS
1¾"	7	NL, HL and FL
1¾"	10	NL, HL and FL
1¾"	10	NL, HL and FL
2¼"	16	NL, HL and FL
2¼"	18	NL, HL and FL
2¼"	16	NL, HL and FL
2¼"	21	NL, HL and FL
2¼"	18	NL, HL and FL
2¼"	26	Consult factory
2¼"	32	Consult factory

### NOTES

Bullet resistant glazing options can be: Narrow lite (NL), Half lite (HL) or Full lite (FL)

Doors with glass options can be factory installed by AMBICO

Astragal or mullion will be included at all doors with paired openings

Mullion is required to be used at fire rated paired openings



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