

CHEMICAL COMPOSITION

MAX	C %	Si %	Mn %	P %	S %	S + P %	Others %
	0,36	0,60	1,60	0,020	0,010	0,025	Cr & B

DIMENSION RANGE

THICKNESS	WIDTH	LENGTH	NORMAL STOCK DIMENSION
mm	mm	mm	mm
2,00 - 2,49	1000 - 1150*	1500 - 7000	1000 x 3000
2,50 - 2,99	1000 - 1300*	1500 - 4000	1000 x 3000
3,00 - 6,50	1000 - 1550	1500 - 8000	1500 x 3000
7,00 - 16,00	1000 - 1550	1500 - 6100	1500 x 3000

*1500mm width might be possible. Discussion required

WIDTH TOLERANCE 0 + 20 mm

FLATNESS Guaranteed maximum deviation of flatness is 6,0 mm/m

BALLISTICS DATA

WEAPON	FIRING DISTANCE	IMPACT VELOCITY	ARMOR THICKNESS	PROTECTION LEVEL
type	m	m/s	mm	class
Handgun 9 mm Para. / FJ/ RN/SC	5 m	415 ± 10	2.0	EN 1522 FB2 VPAM 3
Handgun .357 Mag. / FJ/CB/SC	5 m	430 ± 10	2.5	EN 1522 FB3 NIJ Level II
Handgun .44 Mag. / FJ/FN/SC	5 m	440 ± 10	3.0	EN 1522 FB4 NIJ Level IIIA VPAM 4
Assault Rifle 7.62 mm x 39 (Kal.) FJ/PB/FeC3	5 m	720 ± 10	4.0	VPAM 6
Assault Rifle 7.62 mm x 51 (NATO ball) / FJ/PB/SC	10 m	830 ± 10	6.0	EN 1063 BR6 NIJ Level III
Assault Rifle 5.56 mm x 45 (SS 109) / FJ/PB/SCP1	10 m	950 ± 10	6.5	EN 1522 FB6 (Plus 7.62x51 BR6) / VPAM7
7.62 x 51 Ball FMJ	10 m	853 ± 15 (up to 880)	8.0	Mexican Level D
Assault Rifle 5.56 mm x 45 (M193 / SS92) / FJ/PB/HC1	10 m	990 ± 10	9.5	SS92 / M 193
Assault Rifle 7.62 mm x 39 API BZ / FMJ/PB/HC1	10-30 m	740 ± 10	13	VPAM 8
Assault Rifle 7.62x 51.308WIN / FMJ/PB/HCt	10 m	820±10	14.5	EN 1522 FB 7 VPAM 9