

MILUX AS A COMPANY

Our production facilities are located Finland, Poland and Turkey with good transport connections by sea and road.

The company's operations and the quality are managed utilizing a documented operating system based on the ISO 9001 (quality), ISO 14001 (environment), ISO 3834-2 (welding) and OHSAS 18001 (safety) and the goals set by company management.



ISO 9001
ISO 14001
ISO 3834-2
OHSAS 18001

Milux[®]oy

Milux Oy Finland

Ruonankatu 1
92100 RAAHE
Finland

Milux Poland Sp. z o.o.

42-600 Tarnowskie Góry
ul Hutnicza 5-9
Poland

Milux Turkey

Organize Sanayi Bölgesi No:16
Hasan Türek Cd.,
45030 Keçiliköy Osb
Manisa Merkez/Manisa, Turkey

www.milux.fi

ALL INFORMATION AS TO THE PROPERTIES AND UTILISATION OF MATERIALS AND PRODUCTS MENTIONED IN THIS PROCURE ARE FOR THE PURPOSE OF DESCRIPTION ONLY.

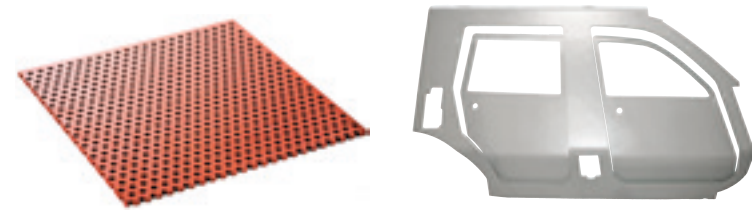
MILUX BALLISTIC STEEL CENTRE

MILUX FOLBERG 06/2019 / MARIJATTILAINEN

The Milux Oy logo, consisting of the word 'Milux' in a bold, sans-serif font followed by 'oy' in a smaller font, with a registered trademark symbol (®) to the right.



WE CAN HELP YOU TO CREATE WORLD CLASS HUMAN PROTECTION SOLUTIONS



ARMOURING SOLUTIONS

High-quality Miilux Protection steels are designed and manufactured for demanding applications like doors, bank counters, money exchange offices, shooting ranges, various types of vehicles and a wide range of other applications in the protection equipment industry.

Miilux produces Protection plates and dimensionally accurate, ready-for-installation Protection components with fast delivery time. Miilux Protection steel plates and components are surface treated – plates over 5.0 mm thickness are normally primed but can also be supplied shot blasted and treated with VCI-386 in the same way as thinner plates.

QUICK DELIVERIES WORLDWIDE

Quick deliveries directly from our warehouses in Finland, Poland and Turkey. For Miilux Protection steel plates 2,5-6,5mm, we have ballistic test results according to class VPAM PM2007 or EN1522 ready for each cast in stock.

Thicker plates are also available with a certain amount directly from stock. We produce components with modern bending equipment, machining, welding and cutting (laser, plasma, water-jet) devices.

MIIlux PROTECTION STEELS

Miilux Protection qualities are Miilux Protection 380, 400, 400T, 450, 500 and 600, available in thicknesses 2,5-60 mm, maximum dimensions 2550 x 6150 mm.

Miilux Protection plates have been tested according to EN 1522, VPAM PM2007, MIL 12560/46100 and Stanag 4569 among others. Miilux Oy operates with the defense test laboratories in several countries and is able to arrange delivery-specific tests if needed. Our sales personnel and technical customer service are ready to give you more information on existing test results and possible delivery-specific tests. Miilux can help customer to create world class human protection solutions.



TECHNICAL SPECIFICATIONS OF MIIlux® PROTECTION 500 AND 600

Class acc. to	Norm	Thickness	Thread	Bullet weight	Shooting distance	Speed of the bullet V2,5 (m/s)
Protection 500	EN1522 FB3	2,5 mm	.357 Mag	10,2 g	5 m	430 ± 10 m/s
Protection 500	EN1522 FB4	3,0 mm	.44 Rem. Mag	15,6 g	5 m	440 ± 10 m/s
Protection 500	EN1522 FB4+	4,2 mm	7.62 x 39 mm AK-47 M43	8,0 g	10 m	720 ± 10 m/s
Protection 500	EN1522 FB5	6,0 mm	5.56 x 45 mm SS109 (M855)	4,0 g	10 m	950 ± 10 m/s
Protection 500	EN1522 FB6	6,0 mm	7.62 x 51 mm M80 Nato Ball	9,5 g	10 m	830 ± 10 m/s
Protection 500	EN1522 FB7	14,0 mm	7.62 x 51 mm P80 Nato AP	9,5 g	10 m	820 ± 10 m/s
Protection 500	Stanag 4569 Level 1	6,0 mm	7.62 x 51 mm M80 Nato Ball	9,5 g	30 m	833 ± 20 m/s
		6,0 mm	5.56 x 45 mm SS109 (M855)	4,0 g	30 m	900 ± 20 m/s
		9,0 mm	5.56 x 45 mm M193	3,5 g	30 m	937 ± 20 m/s
Protection 500	Stanag 4569 Level 2	12,0 mm	7.62 x 39 mm AK-47 API BZ	7,7 g	30 m	695 ± 20 m/s
Protection 500	Stanag 4569 Level 3	24,0 mm	7.62 x 54R mm B32 API	8,4 g	30 m	930 ± 20 m/s
		16,0 mm	7.62 x 51 mm AP (WC)	10,3 g	30 m	854 ± 20 m/s
Protection 600	Stanag 4569 Level 2	10,0 mm	7.62 x 39 mm AK-47 API BZ	7,7 g	30 m	695 +/- 20 m/s
Protection 600	VPAM PM 2007 PM9	10,0 mm	7.62 x 51 mm P80 Nato AP	9,7 g	10 m	820 +/- 10 m/s
Protection 600	Stanag 4569 Level 3	20,0 mm	7.62 x 51 mm AP (WC)	8,4 g	30 m	930 +/- 20 m/s

Above mentioned test results are according to EN 1522 and Stanag 4569, but we have tested also other classes e.g. MIL-standards. Ask for more information about delivery-specific tests from technical customer service and sales.

