

VAIROG EU **AMMUNITION** **CATALOG**



VAIROG EU





VAIROG EU

VAIROG EU LLC

Reg. No. 41203053232

VAT No. LV41203053232

Legal address: Pils Street 9-5, Riga, Latvia, LV-1050

SEB BANKA AS

SWIFT: UNLALV2X

EUR: LV21UNLA0055003210130

USD: LV06UNLA0055003296633

+371 27360000

info@vairog.eu

www.vairog.eu

VAIROG SIA

Reģ. Nr. 41203053232

PVN Nr. LV41203053232

Juridiskā adrese: Pils iela 9-5, Rīga, Latvija, LV-1050

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.338 LAPUA MAGNUM	40
12.7 mm X 99 mm	45

TRAINING AMMUNITION

40 mm x 46 mm	49
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NOTE: THE CUSTOMER HAS THE OPTION TO DEFINE SPECIFICATION TO WHICH THEIR ORDER IS SUPPLIED AS (STANAG, C.I.P. or SAAMI).



VAIROG EU

PART NR.: 32SWLW83L
NSN: 1305550010756

.32 S&W LONG WADCUTTER 83 grains



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
PROJECTILE WEIGHT
VELOCITY
BALLISTIC COEFFICIENT (C1)
CASE MATERIAL
ACCURACY
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

PARDINI-Twist
32SWLW83L
.32 S&W Long Wadcutter
C.I.P.
Lapua – Lead Wad Cutter
83 grains +/- 15 grains
> 200 m/s
> 0.025 (ICAO)
70/30 BRASS
85% @ 25m – 50mm dia.
-30°C to +50°C
AOP-2
M2A1
1000 ROUNDS
CARDBOARD BOX 50 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAGS



VAIROG EU

PN: 919NATOFMJ115P
NSN: 1305550010830

**9 x 19mm
FMJ
115 grains**



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
INDIVIDUAL PACKAGING

Glock 17, UMP, MP5, M45 & ALL 9x19 mm

NATO WEAPONS
919NATOFMJ115P

9 mm

STANAG 4090

FMJ

COPPER JACKET, LEAD CORE

124 grains +/- 3 grains

> 345 m/sec

> 518 J

70/30 BRASS

DOUBLE or SINGLE BASE

85% @ 25m – 50mm dia.

< 3 milliseconds @ -54°C

< 235MPa @ +21°C

-54°C to +52°C

AOP-2

CARDBOARD BOX 50 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 919SS154R
NSN: 1305550010837

**9 x 19mm
FMJ SUBSONIC
154 grains**



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
PRIMER
POWDER
ACCURACY
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
INDIVIDUAL PACKAGING

Glock 17, UMP, MP5, M45 & ALL 9x19 mm

NATO WEAPONS

919HP94R

9mm x 19mm

STANAG 4090

RUAG FMJ SUBSONIC

COPPER

154 grains +/- 3 grains

between 305 m/sec +/-15m/sec

> 540 J

70/30 BRASS

BOXER SINTOX

DOUBLE or SINGLE BASE

85% @ 25m – 25mm rad.

< 3 milliseconds @ -54°C

< 270MPa @ +21°C

-54°C to +52°C

CARDBOARD BOX 50 ROUNDS PER BOX

SEALED IN PLASTIC VACUUM BAG



VAIROG EU

PN: 919NATOFMJ104P
NSN: 1305550010832

**9 x 19mm
FMJ
104 grains**



RECOMMENDED WEAPONS	Glock 17 & ALL 9x19 mm NATO PISTOLS
PART NUMBER	919NATOFMJ104P
CALIBER	9 mm
SPECIFICATION	STANAG 4090
PROJECTILE	FMJ
JACKET MATERIAL	COPPER PLATED TOMBAC JACKET, LEAD CORE
PROJECTILE WEIGHT	104 grains +/- 3 grains
VELOCITY	> 370 m/sec
ENERGY	> 475 J
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 25m – 50mm dia.
ACTION TIME	< 3 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 235 MPa @ +21°C
OPERATING TEMPERATURE	-54°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	1500 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 50 ROUNDS PER BOX SEALED IN POE THERMOPLASTIC BAG



VAIROG EU

PN: 919NATOFMJ124P
NSN: 1305550010758

**9 x 19mm
FMJ
124 grains**



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Glock 17, UMP, MP5, M45 & ALL 9x19 mm

NATO WEAPONS

919NATOFMJ124P

9 mm

STANAG 4090

FMJ

COPPER JACKET, LEAD CORE

124 grains +/- 3 grains

> 360 m/sec

> 518 J

70/30 BRASS

DOUBLE or SINGLE BASE

85% @ 25m – 50mm dia.

< 3 milliseconds @ -54°C

< 235 MPa @ +21°C

-54°C to +52°C

AOP-2

M2A1

1500 ROUNDS

CARDBOARD BOX 50 ROUNDS PER BOX

SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 919APTCV
NSN: 1305550010833

**9 x 19mm
ARMOR PIERCING
TUNGSTEN
CARBIDE
103 grains**



RECOMMENDED WEAPONS	UMP, MP5, M45 & ALL NATO MACHINE PISTOLS
PART NUMBER	919APTCV
CALIBER	9mm x 19mm
SPECIFICATION	STANAG 4090
PROJECTILE	ARMOR PIERCING TUNGSTEN CARBIDE
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	103 grains +/- 3 grains
VELOCITY	430 m/sec +/- 30 m/sec
ENERGY	> 540 J
CASE MATERIAL	70/30 BRASS
PRIMER	BOXER SINTOX
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 25m – 50 mm dia.
ACTION TIME	< 3 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 270MPa @ +21 °C
OPERATING TEMPERATURE	-54°C to +52°C
INDIVIDUAL PACKAGING	CARDBOARD BOX 50 ROUNDS PER BOX SEALED IN PLASTIC VACUUM BAG



VAIROG EU

PART NR.: 919FMJTCPSVMP
NSN: 1305550010838

**9 x 19mm
FMJTCPS
100 grains
machine
pistol**



RECOMMENDED WEAPONS	UMP, MP5, M45 & ALL NATO MACHINE PISTOLS
PART NUMBER	919FMJTCPSVMP
CALIBER	9mm x 19mm
SPECIFICATION	STANAG 4090
PROJECTILE	FMJTCPS
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	100 grains +/- 2 grains
VELOCITY	420 m/sec +/- 30 m/sec
ENERGY	> 540 J
CASE MATERIAL	70/30 BRASS
PRIMER	BOXER SINTOX
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 25m – 25mm rad.
ACTION TIME	< 3 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 270MPa @ +21 °C
OPERATING TEMPERATURE	-54°C to +52°C
INDIVIDUAL PACKAGING	CARDBOARD BOX 50 ROUNDS PER BOX SEALED IN PLASTIC VACUUM BAG



VAIROG EU

PART NR.: 919FRAN85R
NSN: 1305550010835

**9 x 19mm
RUAG Frangible
85 grains**



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
INDIVIDUAL PACKAGING

Glock 17, UMP, MP5, M45 & ALL 9x19 mm
NATO WEAPONS
919HP94R
9mm x 19mm
STANAG 4090
FRANGIBLE (REDUCED HAZZARD FLAT POINT)
SINTERED COPPER POLYMER
85 grains +/- 3 grains
425 m/sec +/- 15 m/sec
> 452 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 25m – 25mm rad.
< 3 milliseconds @ -54°C
< 270MPa @ +21 °C
-54°C to +52°C
AOP-2
CARDBOARD BOX 50 ROUNDS PER BOX
SEALED IN PLASTIC VACUUM BAG



VAIROG EU

PART NR.: 919HP94R
NSN: 1305550010766

9 x 19mm HOLLOW POINT 94 grains



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Glock 17, UMP, MP5, M45 & ALL 9x19 mm

NATO WEAPONS

919HP94R
9mm x 19mm
STANAG 4090
HOLLOW POINT
COPPER JACKET LEAD CORE
94 grains +/- 3 grains
> 420 m/sec
> 540 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 25m – 25mm dia.
< 3 milliseconds @ -54°C
< 270MPa @ +21 °C
-54°C to +52°C
AOP-2
M2A1
1000 ROUNDS
CARDBOARD BOX 50 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 919RIPV
NSN: 1305550010834

**9 x 19mm
RIP
SEGMENTED
HOLLOW POINT
95 grains**



RECOMMENDED WEAPONS	Glock 17 & ALL NATO 9x19 mm PISTOLS
PART NUMBER	919RIPV
CALIBER	9mm x 19mm
SPECIFICATION	STANAG 4090
PROJECTILE	RIP SEGMENTED HOLLOW POINT
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	95 grains +/- 3 grains
VELOCITY	380 m/sec +/- 40 m/sec
ENERGY	> 319 J
CASE MATERIAL	70/30 BRASS
PRIMER	BOXER SINTOX
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 25m – 25mm rad.
ACTION TIME	< 3 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 270MPa @ +21 °C
OPERATING TEMPERATURE	-54°C to +52°C
INDIVIDUAL PACKAGING	CARDBOARD BOX 50 ROUNDS PER BOX SEALED IN PLASTIC VACUUM BAG



VAIROG EU

PART NR.: 919S108VMP
NSN: 1305550010836

**9 x 19mm
SOLID
108 grains
machine
pistol**



RECOMMENDED WEAPONS	UMP, MP5, M45 & ALL NATO MACHINE PISTOLS
PART NUMBER	919S108VMP
CALIBER	9mm x 19mm
SPECIFICATION	STANAG 4090
PROJECTILE	SOLID COPPER
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	108 grains +/- 3 grains
VELOCITY	420 m/sec +/- 30 m/sec
ENERGY	> 615 J
CASE MATERIAL	70/30 BRASS
PRIMER	BOXER SINTOX
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 25m – 25mm rad.
ACTION TIME	< 3 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 270MPa @ +21 °C
OPERATING TEMPERATURE	-54°C to +52°C
INDIVIDUAL PACKAGING	CARDBOARD BOX 50 ROUNDS PER BOX SEALED IN PLASTIC VACUUM BAG



VAIROG EU

PN: 919NATOFMJ104MP
NSN: 1305550010831

**9 x 19mm
FMJ
104 grains
machine pistol**



RECOMMENDED WEAPONS	UMP, MP5, M45 & ALL NATO MACHINE PISTOLS
PART NUMBER	919NATOFMJ104MP
CALIBER	9 mm
SPECIFICATION	STANAG 4090
PROJECTILE	FMJ
JACKET MATERIAL	COPPER PLATED TOMBAC JACKET, LEAD CORE
PROJECTILE WEIGHT	104 grains +/- 3 grains
VELOCITY	> 410 m/sec
ENERGY	> 518 J
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 25m – 50mm dia.
ACTION TIME	< 3 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 235 MPa @ +21°C
OPERATING TEMPERATURE	-54°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	1000 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 50 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 4630ACTNSXR
NSN: 1305550010750

**4.6 x 30mm
ACTION SX
31 grains**



RECOMMENDED WEAPONS	Heckler & Koch MP7
PART NUMBER	4630ACTNSXR
CALIBER	4.6 mm
SPECIFICATION	STANAG 4820
PROJECTILE	ACTION SX
JACKET MATERIAL	COPPER ZINC AMALGAM
PROJECTILE WEIGHT	31 grains +/- 2 grains
VELOCITY	> 690 m/sec
ENERGY	> 475 J
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	80% @ 25m – 35mm dia.
ACTION TIME	< 2 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 400 MPa @ +21°C
OPERATING TEMPERATURE	-30°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	1920 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 40 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 4630BLANKMP7
NSN: 1305550010753

4.6 x 30mm BLANK SX



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
SPECIFICATION
CASE MATERIAL
POWDER
WEAPON
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Heckler & Koch MP7
4630BLANKMP7
4.6 mm
STANAG 4820
70/30 BRASS
DOUBLE or SINGLE BASE
H&K MP7
< 2 milliseconds
< 400 MPa @ +21°C
-20°C to +40°C
AOP-2
M2A1

1920 ROUNDS
CARDBOARD BOX 40 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 4630FMJSXR
NSN: 1305550010749

**4.6 x 30mm
FMJ SX
40 grains**



RECOMMENDED WEAPONS	Heckler & Koch MP7
PART NUMBER	4630FMJSXR
CALIBER	4.6 mm
SPECIFICATION	STANAG 4820
PROJECTILE	FMJ
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	40 grains +/-2 grains
VELOCITY	> 620 m/sec
ENERGY	> 500 J
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	80% @ 100m – 30mm dia.
ACTION TIME	< 2 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 400 MPa @ +21°C
OPERATING TEMPERATURE	-30°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	1920 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 40 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 4630FSJSXR
NSN: 1305550010751

**4.6 x 30mm
FRANGIBLE SJ SX
26 grains**



RECOMMENDED WEAPONS	Heckler & Koch MP7
PART NUMBER	4630FSJSXR
CALIBER	4.6 mm
SPECIFICATION	STANAG 4820
PROJECTILE	FRANGIBLE SJ SX
JACKET MATERIAL	SINTERED COPPER IN TOMBAC JACKET
PROJECTILE WEIGHT	26 grains +/- 2 grains
VELOCITY	> 700 m/sec
ENERGY	> 365 J
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	80% @ 25m – 35mm dia.
ACTION TIME	< 2 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 400 MPa @ +21°C
OPERATING TEMPERATURE	-30°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	1920 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 40 ROUNDS PER BOX SEALED IN POE THERMOPLASTIC BAG



VAIROG EU

PART NR.: 4630TRNGR
NSN: 1305550010752

**4.6 x 30mm
TRAINING SX
26 grains**



RECOMMENDED WEAPONS	Heckler & Koch MP7
PART NUMBER	4630TRNGR
CALIBER	4.6 mm
SPECIFICATION	STANAG 4820
PROJECTILE	TRAINING
JACKET MATERIAL	COPPER JACKET, TIN CORE
PROJECTILE WEIGHT	26 grains +/- 2 grains
VELOCITY	> 660 m/sec
ENERGY	> 370 J
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	80% @ 50m – 35mm dia.
ACTION TIME	< 2 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 400 MPa @ +21°C
OPERATING TEMPERATURE	-30°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	1920 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 40 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PN: 556NATOSS109R
NSN: 1305550010828

5.56 x 45mm
SS109
62 grains



RECOMMENDED WEAPONS	G36, FN MINIMI
PART NUMBER	556NATOSS109R
CALIBER	5.56 mm
SPECIFICATION	STANAG 4172
PROJECTILE	SS109
JACKET MATERIAL	FMJ STEEL CORE
PROJECTILE WEIGHT	62 grains +/- 2 grains
AMMUNITION WEIGHT	183 grains +/- 6.8 grains
VELOCITY	895 m/sec to 925m/sec
ENERGY	1564 J
BALLISTIC COEFFICIENT	0.342 (ICAO)
CASE MATERIAL	70/30 BRASS
PRIMER	BOXER SINTOX
POWDER	DOUBLE or SINGLE BASE
ACCURACY	550 m – 200 mm rad.
BARREL PRESSURE MAXIMUM	< 445MPa @ 21°C
OPERATING TEMPERATURE	-54°C to +52°C
PACKAGING SPECIFICATION	AOP-2
INDIVIDUAL PACKAGING	CARDBOARD BOX 50 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PN: 556NATOAPTCR
NSN: 1305550010733

5.56 x 45mm ARMOUR PIERCING 63 grains



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL

PROJECTILE WEIGHT
VELOCITY
ENERGY
BALLISTIC COEFFICIENT
CASE MATERIAL
POWDER
ACCURACY
PENETRATION

BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

G36, FN MINIMI
556NATOAPTCR
5.56 mm
STANAG 4172
ARMOUR PIERCING
TOMBAC JACKET, TUNGSTEN CARBIDE
& LEAD CORE
63 grains +/- 3 grains
> 880 m/sec
1830 J
0.342 (ICAO)
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 300m – 200mm dia.
@ 100m -10mm PENETRATION of 400 SERIES
PLATE STEEL
< 445 MPa @ 21°C
-54°C to +52°C
AOP-2
M2A1
800 ROUNDS
CARDBOARD BOX 50 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PN: 556M200BLANKLR
NSN: 1305550010735

**5.56 x 45mm
BLANK
AMMUNITION
LINKED**



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
CASE MATERIAL
POWDER
WEAPON
DECIBELS
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
ROUNDS PER LINK BELT
INDIVIDUAL PACKAGING

FN MINIMI
556M200BLANKLR
5.56 mm
70/30 BRASS
DOUBLE or SINGLE BASE
5.56 MINIMI
> 50 dB @ 1 meter

AOP-2
M2A1
800 ROUNDS
200 ROUNDS

200 ROUND LINKED BELT PER CARDBOARD BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PN: 556NATOFRANR
NSN: 1305550010829

5,56 x 45mm FRANGIBLE 48 grains



RECOMMENDED WEAPONS	G36, FN MINIMI
PART NUMBER	556NATOFRANR
CALIBER	5.56 mm
SPECIFICATION	STANAG 4172
PROJECTILE	RUAG FRANGIBLE
JACKET MATERIAL	COPPER POLYMER MATRIX
PROJECTILE WEIGHT	48 grains +/- 2 grains
VELOCITY	890 m/sec to 945 m/sec
ENERGY	1830 J
BALLISTIC COEFFICIENT	0.342 (ICAO)
CASE MATERIAL	70/30 BRASS
PRIMER	BOXER SINTOX
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 300 m – 200 mm rad.
BARREL PRESSURE MAXIMUM	< 445MPa @ 21°C
OPERATING TEMPERATURE	-54°C to +52°C
PACKAGING SPECIFICATION	AOP-2
INDIVIDUAL PACKAGING	CARDBOARD BOX 50 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PN: 556NATOTRACEN
NSN: 1305550010734

**5.56 x 45mm
TRACER
63 grains**



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL

PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
TRACER

ACTION TIME
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

G36, FN MINIMI
556NATOTRACEN
5.56 mm
STANAG 4172
TRACER

TOMBAC PLATED STEEL JACKET, LEAD CORE &
TRACER COMPOSITION

63 grains +/- 3 grains
> 870 m/sec
> 1400 J
70/30 BRASS

DOUBLE or SINGLE BASE
85% @ 300m – 200mm dia.

VISIBLE IN DAY & NIGHT CONDITIONS from 70m
to 600m

< 3 milliseconds @ -54°C
-54°C to +52°C

AOP-2
M2A1

1000 ROUNDS

CARDBOARD BOX 50 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PN: DM1-762
NSN: 1305550010926

**7.62 x 51mm
NON-
DISINTEGRATING
LINK BELTS
50 rounds per belt**



PART NUMBER
CALIBER
WEAPONS SYSTEM
LINKS PER BELT
TYPE
STAMPED/MILLED
FINISH
COLOR
INDIVIDUAL PACKAGING

DM1-762
7.62 x 51mm
MG-3, KSP-58
50 Links
Steel
Stamped
Phosphate Coated
Black
CARDBOARD BOX 16 BELTS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 762AP165R
NSN: 1305550010764

**7.62 x 51mm
MATCH
ARMOUR PIERCING
165 grains**



RECOMMENDED WEAPONS	HK417A2
PART NUMBER	762AP165R
CALIBER	7.62 mm
SPECIFICATION	STANAG 2310
PROJECTILE	ARMOR PIERCING
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	165 grains +/- 5 grains
VELOCITY	> 790 m/sec
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 300m – 95mm dia.
PENETRATION	@100m – 15mm PENETRATION of 400 SERIES PLATE
OPERATING TEMPERATURE	-54°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	460 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 20 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 762NATO4X1APTRACENN
NSN: 1305550010738

**7.62 x 51mm
4 x 1 ARMOR
PIERCING /
TRACER LINKED**



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
AP JACKET MATERIAL
AP PROJECTILE WEIGHT
AP VELOCITY
AP ENERGY
TRACER JACKET MATERIAL
TRACER PROJECTILE WEIGHT
TRACER VELOCITY
TRACER ENERGY
CASE MATERIAL
POWDER
ACCURACY
TRACER
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

FN MAG, KSP-58, MINIMI, MG3
762NATO4X1APTRACENN
7.62 mm
STANAG 2310
4 ARMOR PIERCING / 1 TRACER
TOMBAC JACKET STEEL CORE
150 grains +/- 5 grains
> 838 m/sec
> 2915 J
TOMBAC JACKET, LEAD CORE & TRACER COMPOSITION
147 grains +/- 5 grains
> 838 m/sec
> 2756 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 300m – 381mm dia.
VISIBLE IN DAY & NIGHT CONDITIONS from 137m to 775m
< 4 milliseconds @ -54°C
< 445 MPa +/- 50 MPa @ +21°C
-54°C to +52°C
AOP-2
M2A1
400 ROUNDS
100 ROUNDS PER CARDBOARD BOX.
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 762NATOBLANKR
NSN: 1305550010757

7.62 x 51mm BLANK AMMUNITION



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
CASE MATERIAL
POWDER
WEAPONS

AK-4, G-3, Accuracy International & HK417A2
762NATOBLANKR
7.62 mm
70/30 BRASS
DOUBLE or SINGLE BASE
AK-4
G-3

DECIBELS
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International
HK417A2
> 50 dB @ 1 meter
AOP-2
M2A1
460 ROUNDS

CARDBOARD BOX 20 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 762BLANKLR
NSN: 1305550010760

**7.62 x 51mm
BLANK
AMMUNITION
LINKED**



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
CASE MATERIAL
POWDER
WEAPON

DECIBELS
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

FN MAG, KSP-58, MINIMI, MG3
762BLANKLR
7.62 mm
70/30 BRASS
DOUBLE or SINGLE BASE
FN MAG
KSP-58
MINIMI
MG3

50dB @ 1 meter
AOP-2
M2A1
500 ROUNDS
100 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PN: 762NATOM80P
NSN: 1305550010736

**7.62 x 51mm
M80
147 grains**



RECOMMENDED WEAPONS	AK-4, G3, G3 (M75), HK417
PART NUMBER	762NATOM80P
CALIBER	7.62 mm
SPECIFICATION	STANAG 2310
PROJECTILE	M80 BALL
JACKET MATERIAL	TOMBAC PLATED STEEL JACKET, LEAD CORE
PROJECTILE WEIGHT	147 grains +/- 5 grains
VELOCITY	> 833 m/sec
ENERGY	> 2756 J
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 300m – 254mm
PENETRATION	4mm PLATE STEEL @ 300m
ACTION TIME	< 4 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 445 MPa @ +21°C
OPERATING TEMPERATURE	-54°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	460 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 20 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 762SP168R
NSN: 1305550010740

**7.62 x 51mm
MATCH
SWISS-P
168 grains**



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

HK417A2
762SP168R
7.62
STANAG 2310
HOLLOW POINT BOAT TAIL
COPPER
168 grains +/- 5 grains
> 820 m/sec
> 3247 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 300m – 85mm radius
-54°C to +52°C
AOP-2
M2A1
460 ROUNDS
CARDBOARD BOX 20 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 762NATOTRACEN
NSN: 1305550010737

**7.62 x 51mm
TRACER
147 grains**



RECOMMENDED WEAPONS

PART NUMBER

CALIBER

SPECIFICATION

PROJECTILE

JACKET MATERIAL

PROJECTILE WEIGHT

VELOCITY

ENERGY

CASE MATERIAL

POWDER

ACCURACY

TRACER

ACTION TIME

BARREL PRESSURE MAXIMUM

OPERATING TEMPERATURE

PACKAGING SPECIFICATION

AMMUNITION CASE

COUNT PER CASE

INDIVIDUAL PACKAGING

AK-4, G3, G3 (M75), HK417

762NATOTRACEN

7.62 mm

STANAG 2310

TRACER

TOMBAC PLATED STEEL JACKET, LEAD CORE &

TRACER COMPOSITION

147 grains +/- 5 grains

> 816 m/sec

> 2756 J

70/30 BRASS

DOUBLE or SINGLE BASE

85% @ 300m – 381mm dia.

VISIBLE IN DAY & NIGHT CONDITIONS from 137 m
to 775m

< 4 milliseconds @ -54°C

< 445 MPa @ +21°C

-54°C to +52°C

AOP-2

M2A1

460 ROUNDS

CARDBOARD BOX 20 ROUNDS PER BOX

SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 308AP165R
NSN: 1305550010763

.308 WIN MATCH ARMOUR PIERCING 165 grains



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
CASE MATERIAL
POWDER
ACCURACY
PENETRATION
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International AXMC,
Accuracy International AX308

308AP165R

.308 WIN

C.I.P.

ARMOR PIERCING

COPPER

165 grains +/- 5 grains

> 790 m/sec

70/30 BRASS

DOUBLE or SINGLE BASE

85% @ 300m – 95mm dia.

@100m – 15mm PENETRATION of 400 SERIES PLATE

-54°C to +52°C

AOP-2

M2A1

460 ROUNDS

CARDBOARD BOX 20 ROUNDS PER BOX

SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 308LSL175L
NSN: 1305550010739

.308 WIN MATCH LAPUA SCENAR-L 175 grains



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International AXMC,
.308 Accuracy International AX308
308LSL175L
.308 WIN
C.I.P.
LAPUA SCENAR-L HOLLOW POINT BOAT TAIL
COPPER
175 grains
> 860 m/sec
> 3247 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 300m – 85mm dia.
-54°C to +52°C
AOP-2
M2A1
460 ROUNDS
CARDBOARD BOX 20 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 308SS200R
NSN: 1305550010765

.308 WIN MATCH SUBSONIC 200 grains



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
BALLISTIC COEFFICIENT
CASE MATERIAL
POWDER
ACCURACY
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International AXMC,
Accuracy International AX308
308SS200R
.308 WIN
C.I.P.

FMJ SUBSONIC
TOMBAC JACKET & LEAD CORE
200 grains +/- 5 grains
315 m/sec to 340 m/sec
> 845 J

> 0.3636 (ICAO)

70/30 BRASS

DOUBLE or SINGLE BASE
85% @ 100m – 76mm dia.

< 160 MPa @ +21 °C

-54°C to +52°C

AOP-2

M2A1

460 ROUNDS

CARDBOARD BOX 20 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 6BRFMJ105R
NSN: 1305550010754

**6mm
BR NORMA
105 grains**



RECOMMENDED WEAPONS	BLASER K-93, BLEIKER 300M
PART NUMBER	6BRFMJ105R
CALIBER	6 mm
SPECIFICATION	C.I.P.
PROJECTILE	FMJ
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	105 grains +/- 0.06 grains
VELOCITY	> 800 m/sec
BALLISTIC COEFFICIENT	> 0.460 (ICAO)
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 300m – 100mm dia.
OPERATING TEMPERATURE	-30°C to +50°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	460 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 20 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 6555SEFMJ123R
NSN: 1305550010755

**6.5 x 55mm
SE
123 grains**



RECOMMENDED WEAPONS	SIG SAUER "Super Target", SIG SAUER S205
PART NUMBER	6555SEFMJ123R
CALIBER	6.5 mm
SPECIFICATION	C.I.P.
PROJECTILE	FMJ
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	123 grains +/- 4.6 grains
VELOCITY	> 800 m/sec
BALLISTIC COEFFICIENT	> 0.450 (ICAO)
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 300m – 100mm dia.
OPERATING TEMPERATURE	-30°C to +50°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	1000 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 20 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 338LMAPIR
NSN: 1305550010744



.338 LAPUA MAGNUM ARMOUR PIERCING INCENDIARY 253 grains

RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
CASE MATERIAL
POWDER
ACCURACY
PENETRATION

OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International Arctic Warfare,
Accuracy International AXMC
338LMAPIR
.338 LAPUA MAGNUM
C.I.P.
ARMOR PIERCING INCENDIARY
COPPER
253 grains +/- 5 grains
> 895 m/sec
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 300m – 100mm dia.
@ 300m - 10mm PENETRATION of 400 SERIES
PLATE STEEL
-54°C to +52°C
AOP-2
M2A1
200 ROUNDS
CARDBOARD BOX 10 ROUNDS PER BOX
SEALED IN POB THERMOPLASTIC BAG



VAIROG EU

PART NR.: 338LMS250R
NSN: 1305550010745

.338 LAPUA MAGNUM SCENAR 250 grains



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
CASE MATERIAL
POWDER
ACCURACY
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International Arctic Warfare,
Accuracy International AXMC
338LMS250R
.338 LAPUA MAGNUM
C.I.P.
SCENAR
COPPER
250 grains +/- 5 grains
> 905 m/sec
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 300m – 85mm dia.
-54°C to +52°C
AOP-2
M2A1
200 ROUNDS
CARDBOARD BOX 10 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 338LMSC231B
NSN: 1305550010748



.338 LAPUA MAGNUM SOLID 231 grains

RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International Arctic Warfare,
Accuracy International AXMC
338LMSC231B
.338 LAPUA MAGNUM
C.I.P.
SOLID COPPER
231 grains +/- 5 grains
> 920 m/sec
> 6348 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 100m – 50mm dia.
< 420 MPa @ +21 °C
-54°C to +52°C
AOP-2
M2A1
200 ROUNDS
CARDBOARD BOX 10 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 338LMSPSA247R
NSN: 1305550010747

.338 LAPUA MAGNUM

SWISS P

STYX ACTION

247 grains



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
BALLISTIC COEFFICIENT C1
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International Arctic Warfare,
Accuracy International AXMC
338LMSPSA247R
.338 LAPUA MAGNUM
C.I.P.
SWISS P STYX ACTION
TOMBAC JACKET & LEAD CORE
247 grains +/- 5 grains
> 875 m/sec
> 6125 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 300m – 85mm dia.
> 0.432 (ICAO)
< 420 MPa @ +21 °C
-54°C to +52°C
AOP-2
M2A1
200 ROUNDS
CARDBOARD BOX 10 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 338LMSPS250R
NSN: 1305550010746



**.338 LAPUA MAGNUM
SWISS P
SUBSONIC HPST
250 grains**

RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
ENERGY
CASE MATERIAL
POWDER
ACCURACY
BALLISTIC COEFFICIENT
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Accuracy International Arctic Warfare,
Accuracy International AXMC
338LMSPS250R
.338 LAPUA MAGNUM
C.I.P.
SWISS-P HPST
TOMBAC JACKET & LEAD CORE
250 grains +/- 5 grains
320 m/sec to 340 m/sec
> 829 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 100m – 55mm dia.
> 0.679 (ICAO)
< 250 MPa @ +21 °C
-54°C to +52°C
AOP-2
M2A1
200 ROUNDS
CARDBOARD BOX 10 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 127NATO4X1APTACBN
NSN: 1305550010759

**12.7 x 99mm
4 x 1 ARMOR
PIERCING/TRACER
LINKED**



RECOMMENDED WEAPONS
PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
AP JACKET MATERIAL
AP PROJECTILE WEIGHT
AP VELOCITY
AP ENERGY
TRACER JACKET MATERIAL
TRACER PROJECTILE WEIGHT
TRACER VELOCITY
TRACER ENERGY
CASE MATERIAL
POWDER
ACCURACY
TRACER
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Browning M2HB
127NATO4X1APTACBN
12.7 mm
STANAG 4383
4 ARMOR PIERCING / 1 TRACER
COPPER JACKET, TUNGSTEN CARBIDE CORE
646 grains +/- 15 grains
> 870 m/sec
> 16523 J
COPPER JACKET, LEAD CORE & TRACER COMPOSITION
630 grains +/- 15 grains
> 880 m/sec
> 16336 J
70/30 BRASS
DOUBLE or SINGLE BASE
85% @ 300m – 300mm dia.
VISIBLE IN DAY & NIGHT CONDITIONS FROM 137m to 1000m
< 4.5 milliseconds @ -54°C
< 450 MPa @ +21°C
-54°C to +52°C
AOP-2
M2A1
100 ROUNDS
100 ROUNDS PER LINK
WITH CARDBOARD END PROTECTORS



VAIROG EU

PART NR.: 127NATOAP725V
NSN: 1305550010742

**12.7 x 99mm
ARMOUR PIERCING
725 grains**



RECOMMENDED WEAPONS

PART NUMBER
CALIBER
SPECIFICATION
PROJECTILE
JACKET MATERIAL
PROJECTILE WEIGHT
VELOCITY
CASE MATERIAL
POWDER
ACCURACY
PENETRATION
ACTION TIME
BARREL PRESSURE MAXIMUM
OPERATING TEMPERATURE
PACKAGING SPECIFICATION
AMMUNITION CASE
COUNT PER CASE
INDIVIDUAL PACKAGING

Barrett M107, Barrett M82, HECATE,
Accuracy International AX50
127NATOAP725V

12.7 mm

STANAG 4383

ARMOR PIERCING

TOMBAC JACKET, TUNGSTEN CARBIDE & LEAD CORE

725 grains +/- 15 grains

> 893 m/sec

70/30 BRASS

DOUBLE or SINGLE BASE

85% @ 550m – 150mm dia.

@ 700m - 22mm PENETRATION of MILD

< 4.5 milliseconds @ -54°C

< 450 MPa @ +21°C

-54°C to +52°C

AOP-2

M2A1

100 rounds

CARDBOARD BOX 10 ROUNDS PER BOX
SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

PART NR.: 127BLANKS100LN
NSN: 1305550010743

**12.7 x 99mm
BLANK
AMMUNITION
LINKED**



RECOMMENDED WEAPONS	Browning M2HB
PART NUMBER	127BLANKS100LN
CALIBER	12.7 mm
LINKS	M9 NATO
WEAPON	BROWNING M2HB
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	100 ROUNDS
INDIVIDUAL PACKAGING	100 ROUNDS PER BELT WITH CARDBOARD INSERTS



VAIROG EU

PART NR.: 127NATONM241N
NSN: 1305550010741

**12.7 x 99mm
Solid Sniper
709 grains**



RECOMMENDED WEAPONS	Barrett M107, HECATE, Accuracy International AX50
PART NUMBER	127NATOSOLSN
CALIBER	12.7 mm
SPECIFICATION	STANAG 4383
PROJECTILE	SOLID
JACKET MATERIAL	COPPER
PROJECTILE WEIGHT	709 grains +/- 15 grains
VELOCITY	> 903 m/sec
ENERGY	> 17501 J
CASE MATERIAL	70/30 BRASS
POWDER	DOUBLE or SINGLE BASE
ACCURACY	85% @ 300m – 100mm dia.
ACTION TIME	< 4,5 milliseconds @ -54°C
BARREL PRESSURE MAXIMUM	< 450 MPa @ +21°C
OPERATING TEMPERATURE	-54°C to +52°C
PACKAGING SPECIFICATION	AOP-2
AMMUNITION CASE	M2A1
COUNT PER CASE	100 ROUNDS
INDIVIDUAL PACKAGING	CARDBOARD BOX 10 ROUNDS PER BOX SEALED IN POF THERMOPLASTIC BAG



VAIROG EU

40mm x 46mm Target Practice Grenade (Reusable)



- Functions in all conventional 40 x 46 mm grenade launchers;
- Has a reduced safety template, reduces target penetration and damage to training infrastructure;
- Has a unique propulsion system and reusable steel case kit (patent pending);
- Is the most cost-effective 40 mm "force-on-target" practice training system available today;
- Provides a ballistic match with various service rounds through the use of three different projectile masses and muzzle velocities;
- Is safe to transport, assemble and use;
- Basic training and short-range target practice for law enforcement and military forces;
- Simulation of various low-velocity service grenades, such as high explosive, tear gas, flash bang, sponge grenade and others;
- Use in CQB training (MOUT/FIBUA).

1. An inert, non-toxic, black polymer projectile (three models available: light, medium and heavy)



Light
projectile



Medium
projectile



Heavy
projectile

2. A modified blank cartridge propulsion system (explosive class 1.4S)



3. A reusable, 2-piece, high-quality steel cartridge case kit





VAIROG EU



COMPONENTS	Light projectile	Medium projectile	Heavy projectile
Projectile mass (approx.)	14 g	47 g	118 g
Projectile material	Polymer	Polymer	Polymer with metallic insert
Reusable cartridge case kit mass (approx.)	245 g	245 g	245 g
Reusable cartridge case kit material (2-piece)	Hardened steel with rustproof coating	Hardened steel with rustproof coating	Hardened steel with rustproof coating
Propulsion system	Modified blank round	Modified blank round	Modified blank round
Primer	Boxer	Boxer	Boxer
Propellant	NC single base	NC single base	NC single base

BALLISTIC DATA	Light projectile	Medium projectile	Heavy projectile
Optimal training range	25 m	50 m	100 m
Approximate accuracy (indoor range at 21°C (70°F))	35 cm at 25 m	35 cm at 50 m	50 cm at 100 m
Nominal muzzle velocity at 21°C (70°F)	220 m/s	140 m/s	82 m/s
Nominal muzzle energy	340 Joules	460 Joules	400 Joules
Trajectory match with service grenade	QCB	CS grenades, Baton rounds, Sponge grenades	HE grenades
Maximum range	150 m	350 m	350 m

USE	Light – Medium – Heavy projectiles
General	Target practice
Operational temperature range	-8°C to 40°C (18°F to 105°F)
Firing mode	Single shot
Weapons	Colt M203, H&K 69, other 40x46 mm launchers



MANDATORY

Light – Medium – Heavy projectiles

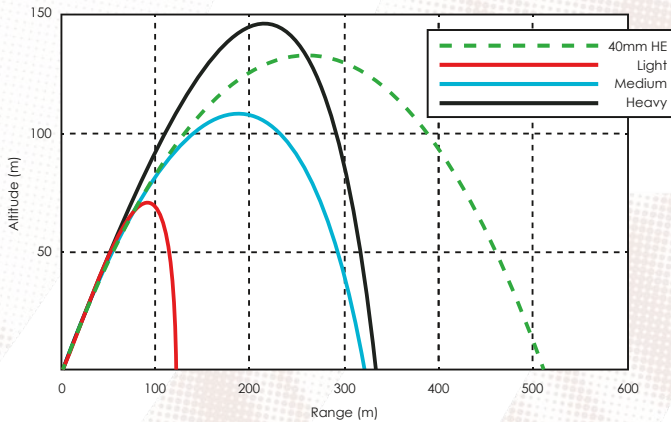
Shelf life

3 years

Recommended storage

Cool and dry

TRAJECTORY ANALYSIS



Each Kit contains the following:

- 1 reusable, high quality steel cartridge case
- 50 inert, non-toxic black polymer projectiles of your choice:
 - Light Projectile – CQB Grenade Simulation
 - Medium Projectile – CS/Baton/Sponge Grenade Simulation
 - Heavy Projectile – HE Grenade Simulation
- 50 propelling charges

Additional Projectiles with propelling charge:

- Light Projectile – CQB Grenade Simulation
- Medium Projectile – CS/Baton/Sponge Grenade Simulation
- Heavy Projectile – HE Grenade Simulation



VAIROG EU

SPEC Pasūtījuma tabula

Gala Lietotājs:	
Apjoms:	

Pielietojamība:

Militārā Apmācība
Militārais Standarts
Militārā Šnāpera munīcija
Civilā lietošana (pašaizsardzības)
Civilā lietošana (treniņu)
Civilā lietošana (standarts 1. šķira)
Civilā lietošana (standarts 2. šķira)
Civilā lietošana (īpašās kvalitātes)
Civilā lietošana (medībām)

Kapseles

Vēlamais ražotājs:	
Ražotāja nosaukums:	
Bez svina:	Jā / Nē

Detaljas

Precizitāte:	mm @ metros
Standarta novirze (SD):	
Ātruma diapazons:	
Ballistikas koeficients CI:	
Caursitāmība:	mm @ m dzelzs plāksnei
Temperatūras diapazons:	
Munīcijas hermetizācija:	Jā / Nē

Iepakojums:

NATO STANAG
Civilais iepakojums (kartona kastītes kartona kastē)
Lielais OEM iepakojums (kartona kastē)

Kalibrs:	
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Atbilstība

NATO STANAG
CIP
SAAMI

Lode

Svars:	
Tips:	
Ražotājs:	

Pulveris

Vēlamais pulvera ražotājs:	
Pulvera nosaukums:	

Ieroči:



VAIROG EU

Custom Order Form

End User:	
Quantity:	

Function:

	Military Training
	Military Standard
	Military Sniper Match Grade
	Civilian Home Defense
	Civilian Training
	Civilian Standard - 1st Class
	Civilian Standard - 2nd Class
	Civilian Match Grade
	Civilian Hunting

Caliber:

Specification

	NATO STANAG
	CIP
	SAAMI

Projectile

Weight:	
Type:	
Manufacturer:	

Powder

Desired powder manufacturer:	
Powder Model No.:	

Primers

Desired manufacturer	
Model No.:	
Lead Free:	Yes / No

Details

Accuracy:	mm @ meters
Standard Deviation (SD):	
Speed Diapazone:	
Ballistic Coefficient CI:	
Penetration:	mm @ m of steel plate
Temperature Diapazone:	
Sealed Ammunition:	Yes / No

Type Packaging:

	NATO STANAG
	Civillian Packaging
	Bulk OEM Packaging

Weapons to be used on:
