



# 9x19 Luger Ammunition Range, FMJ Bullets

The full metal jacketed bullets of MFS work reliably in all pistol types and makes. The cartridges comply with the specifications of C.I.P. or NATO. Cost effective versatile round, perfectly suitable for both training and service purposes. Preserves the weapon's service life. Trusted by Law Enforcement & Armed Forces worldwide.

Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
9×19 Luger	FMJ	7.5/115	Training ammunition, especially suitable for outdoor shooting ranges.	370	Standard	C.I.P
9×19 Luger	FMJ	8/124	Training ammunition, especially suitable for outdoor shooting ranges.	380	Standard	C.I.P
9×19 Luger	FMJ	9/139	Training ammunition, especially suitable for outdoor shooting ranges.	370	Standard	C.I.P
9×19 Luger	TMJ	8/124	TMJ (encapsulated) bullet for training and service, especially suitable for indoor shooting ranges.	370	Lead Free	C.I.P
9×19 Luger	TMJ	9/139	TMJ (encapsulated) bullet for training and service, especially suitable for indoor shooting ranges.	370	Lead Free	C.I.P
9×19 Luger	CLRN	8/124	Encapsulated round nose lead bullet with reduced smoke and emission.	380	Lead Free	C.I.P
9×19 Luger	FMJ-FP	10/154	FMJ flat point ammunition for training and service.	360	Standard	C.I.P
9×19 Luger	NATO FMJ	8/24	The most popular FMJ ammunition according to NATO requirements.	395	Standard	МСМОРІ
9×19 Luger	NATO TMJ SX	8/124	Pollution-reduced TMJ ammunition according to NATO requirements.	395	Lead Free	МСМОРІ



9×19 FMJ 8.0g-124gr



9×19 TMJ SX 8.0g-124gr



9×19 NATO FMJ 8.0g-124gr





# 9x19 Luger Ammunition Range, Other Bullets

Conventional full metal jacket bullets can not optimally meet the requirements of today's service ammunition for law enforcement and for sport shooters. The hollow point bullets are more accurate than the FMJ versions where the low energy transfer causes over-penetration in soft targets way too easily. Please check our web site for further details and updates.

Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
Frangible SX	6.4/98	Non-toxic ammunition for tactical training with reduced risk of ricochets.	430	Lead Free	C.I.P
Hexagon	8/124	Hollow point Hexagon bullet with top accuracy, 25mm at 25 m.	350	Lead Free	C.I.P
JHP	7.5/115	Expanding jacketed hollow point bullet with top accuracy.	370	Standard	C.I.P
JHP	8/124	Expanding jacketed hollow point bullet with top accuracy.	362	Standard	C.I.P
JHP	9.5/147	Expanding jacketed hollow point bullet with top accuracy.	350	Standard	C.I.P
МНР	7/108	Monolith hollow point bullet with extreme expansion and with low pollution.	400	Lead Free	C.I.P
Subsonic JHP	9.5/147	Subsonic ammunition with JHP bullet.	315	Standard	C.I.P
Subsonic FMJ-FP	10/154	Subsonic ammunition with FMJ flat point bullet.	315	Standard	C.I.P
	type: Frangible SX Hexagon JHP JHP MHP Subsonic JHP Subsonic	type: (g/gr):  Frangible SX 6.4/98  Hexagon 8/124  JHP 7.5/115  JHP 8/124  JHP 9.5/147  MHP 7/108  Subsonic JHP 9.5/147  Subsonic 10/154	type: (g/gr):  Frangible SX 6.4/98 Non-toxic ammunition for tactical training with reduced risk of ricochets.  Hexagon 8/124 Hollow point Hexagon bullet with top accuracy, 25mm at 25 m.  JHP 7.5/115 Expanding jacketed hollow point bullet with top accuracy.  JHP 8/124 Expanding jacketed hollow point bullet with top accuracy.  JHP 9.5/147 Expanding jacketed hollow point bullet with top accuracy.  MHP 7/108 Monolith hollow point bullet with extreme expansion and with low pollution.  Subsonic JHP 9.5/147 Subsonic ammunition with JHP bullet.	type: (g/gr): velocity (m/s):  Frangible SX 6.4/98 Non-toxic ammunition for tactical training with reduced risk of ricochets. 430  Hexagon 8/124 Hollow point Hexagon bullet with top accuracy, 25mm at 25 m. 350  JHP 7.5/115 Expanding jacketed hollow point bullet with top accuracy. 370  JHP 8/124 Expanding jacketed hollow point bullet with top accuracy. 362  JHP 9.5/147 Expanding jacketed hollow point bullet with top accuracy. 350  MHP 7/108 Monolith hollow point bullet with extreme expansion and with low pollution. 400  Subsonic JHP 9.5/147 Subsonic ammunition with JHP bullet. 315	type:     (g/gr):     velocity (m/s):       Frangible SX     6.4/98     Non-toxic ammunition for tactical training with reduced risk of ricochets.     430     Lead Free       Hexagon     8/124     Hollow point Hexagon bullet with top accuracy, 25mm at 25 m.     350     Lead Free       JHP     7.5/115     Expanding jacketed hollow point bullet with top accuracy.     370     Standard       JHP     8/124     Expanding jacketed hollow point bullet with top accuracy.     362     Standard       JHP     9.5/147     Expanding jacketed hollow point bullet with top accuracy.     350     Standard       MHP     7/108     Monolith hollow point bullet with extreme expansion and with low pollution.     400     Lead Free       Subsonic JHP     9.5/147     Subsonic ammunition with JHP bullet.     315     Standard       Subsonic JHP     50.5/147     Subsonic ammunition with EMI flat point bullet     315     Standard



9×19 Frangible SX 6.4g-98gr



9×19 HP SXF 8.0g-124gr



9×19 Subsonic FMJ 10.0g-154gr



9×19 Subsonic HP SX 9.5g-147gr





## **Other Pistol Ammunition**

Apart from the most widespread caliber of 9×19, armed forces, law enforcement and security companies use some other calibers as well. In particular the subsonic caliber .45 ACP or a back-up weapon of caliber .380 ACP.

Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
.38 Super Auto	FMJ	8/124	Favorable for shooters who engage in intensive training - 9x23.	430	Standard	C.I.P
.380 ACP	МНР	5.5	Ideal back-up caliber with high stopping power - 9x17/9mm Short.	300	Lead Free	C.I.P
.380 ACP	FMJ	6.15/95	Ideal back-up caliber with high reliability - 9x17/9mm Short.	300	Standard	C.I.P
.380 ACP	CLRN	6.15/96	Ideal back-up caliber with low pollution - 9x17/9mm Short.	300	Lead Free	C.I.P
.40 S&W	FMJ-FP	11	High energy, modern ammunition with high reliability - 10x22.	310	Standard	C.I.P
.40 S&W	FMJ-FP	11.7/180	High energy, modern ammunition with high reliability - 10x22.	310	Standard	C.I.P
.40 S&W	FMJ-FP	13	High energy, modern ammunition with high reliability - 10x22.	300	Standard	C.I.P
.40 S&W	JHP	11.7/180	High energy, modern ammunition with high stopping power - 10x22.	310	Standard	C.I.P
.40 S&W	CLRN	10.7/165	High energy, modern ammunition with low pollution - 10x22.	310	Lead Free	C.I.P
.40 S&W	FCP-SH	10.7/166	High energy, modern ammunition with full copper plated shouldered bullet, low pollution version - 10x22.	310	Lead Free	C.I.P
.45 ACP	FMJ	14.9/230	Classic subsonic ammunition with high reliability - 11.43×23mm.	261	Standard	C.I.P
.45 ACP	Hexagon	13/200	Classic subsonic ammunition with high accuracy - 11.43×23mm.	261	Lead Free	C.I.P
.45 ACP	JHP	14.9/230	Classic subsonic ammunition with high stopping power - 11.43×23mm.	260	Standard	C.I.P
.45 ACP	FMJ	11.7/180	Classic subsonic ammunition with high reliability - 11.43×23mm.	261	Standard	C.I.P
.45 ACP	FCP RN	14.9/230	Classic subsonic ammunition with high reliability - 11.43×23mm.	261	Lead Free	C.I.P







.40 S&W FMJ-FP 117



.45 ACP FMJ





# **Other Pistol Ammunition**

MFS offers other pistol calibers for the armed forces, law enforcement and security companies like the 7,65 Br,  $9\times18$  Makarov or the  $9\times21$  for civilian market in Italy and in South America.

Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
7,65 Browning	FMJ	4.6/71	Traditional caliber with low recoil32 ACP/7,65x17.	300	Standard	C.I.P
7,65 Browning	FMJ	4.75/73	Traditional caliber with low recoil32 ACP/7,65x17.	300	Standard	C.I.P
7,65 Browning	FMJ	6/93	Traditional caliber with low recoil32 ACP/7,65x17.	300	Standard	C.I.P
9×18 Makarov	FMJ	6/93	Traditional Soviet/Russian caliber with low recoil.	310	Standard	C.I.P
9×18 Makarov	FMJ	6.15/95	Traditional Soviet/Russian caliber with low recoil.	310	Standard	C.I.P
9×21	FMJ	8/124	Ammunition developed for civilian usage in Italy and in Latin America.	360	Standard	C.I.P
9×21	TMJ	8/124	Ammunition developed for civilian usage in Italy and in Latin America.	360	Lead Free	C.I.P
9×21	CLRN	8/124	Ammunition developed for civilian usage in Italy and in Latin America.	360	Lead Free	C.I.P



.380 ACP FMJ



7,65 Browning FMJ



9mm Makarov FMJ 6.15



9×21 FMJ





## **Revolver Ammunition**

The MFS revolver ammunition provides the accuracy and reliability you can trust if need ever arises. MFS revolver ammunition has high stopping power in personal and home defense situations with proven reliability and performance.

Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
FMJ-FP	10.2/158	Classic ammunition with high reliability.	395	Standard	C.I.P
JHP	10.2/158	Classic ammunition with expanding jacketed hollow point bullet with high stopping power.	395	Standard	C.I.P
Hexagon	11.66/180	Classic ammunition with expanding jacketed hollow point bullet with top accuracy.	340	Lead Free	C.I.P
FMJ-FP	9/139	Classic ammunition with high reliability.		Standard	C.I.P
FMJ-FP	10.2/158	Classic ammunition with high reliability.	295	Standard	C.I.P
JHP	10.2/158	Classic ammunition with expanding jacketed hollow point bullet with high stopping power.	295	Standard	C.I.P
LRN	10.2/158	Classic ammunition with lead round nose bullet.	295	Standard	C.I.P
LWC	9.6/146	Classic ammunition with lead wad cutter bullet. Excellent precision at low velocity.	265	Standard	C.I.P
CLRN	10.2/158	Classic ammunition with low pollution.	295	Lead Free	C.I.P
FCP TC	10.2/158	Classic ammunition with full copper plated truncated cone bullet and low pollution.	295	Lead Free	C.I.P
FMJ-FP	14.9/230	Classic ammunition with expanding jacketed hollow point bullet with high stopping power.	368	Standard	C.I.P
Hexagon	19.44/300	Classic ammunition with expanding jacketed hollow point bullet with top accuracy.	277	Lead Free	C.I.P
SFN	19.44/300	Classic ammunition with soft lead, flat nose bullet with good expansion.	445	Lead Free	C.I.P
	FMJ-FP Hexagon FMJ-FP JHP LRN LWC CLRN FCP TC FMJ-FP Hexagon	type:         (g/gr):           FMJ-FP         10.2/158           JHP         10.2/158           Hexagon         11.66/180           FMJ-FP         9/139           FMJ-FP         10.2/158           JHP         10.2/158           LRN         10.2/158           LWC         9.6/146           CLRN         10.2/158           FCP TC         10.2/158           FMJ-FP         14.9/230           Hexagon         19.44/300	FMJ-FP 10.2/158 Classic ammunition with high reliability.  JHP 10.2/158 Classic ammunition with expanding jacketed hollow point bullet with high stopping power.  Hexagon 11.66/180 Classic ammunition with expanding jacketed hollow point bullet with top accuracy.  FMJ-FP 9/139 Classic ammunition with high reliability.  FMJ-FP 10.2/158 Classic ammunition with high reliability.  JHP 10.2/158 Classic ammunition with expanding jacketed hollow point bullet with high stopping power.  LRN 10.2/158 Classic ammunition with lead round nose bullet.  LWC 9.6/146 Classic ammunition with lead wad cutter bullet. Excellent precision at low velocity.  CLRN 10.2/158 Classic ammunition with low pollution.  FCP TC 10.2/158 Classic ammunition with full copper plated truncated cone bullet and low pollution.  FMJ-FP 14.9/230 Classic ammunition with expanding jacketed hollow point bullet with high stopping power.  Hexagon 19.44/300 Classic ammunition with expanding jacketed hollow point bullet with top accuracy.	type:         (g/gr):         velocity (m/s):           FMJ-FP         10.2/158         Classic ammunition with high reliability.         395           JHP         10.2/158         Classic ammunition with expanding jacketed hollow point bullet with high stopping power.         395           Hexagon         11.66/180         Classic ammunition with expanding jacketed hollow point bullet with top accuracy.         340           FMJ-FP         9/139         Classic ammunition with high reliability.         295           JHP         10.2/158         Classic ammunition with expanding jacketed hollow point bullet with high stopping power.         295           LRN         10.2/158         Classic ammunition with lead round nose bullet.         295           LWC         9.6/146         Classic ammunition with lead wad cutter bullet. Excellent precision at low velocity.         265           CLRN         10.2/158         Classic ammunition with low pollution.         295           FCP TC         10.2/158         Classic ammunition with full copper plated truncated cone bullet and low pollution.         295           FMJ-FP         14.9/230         Classic ammunition with expanding jacketed hollow point bullet with high stopping power.         368           Hexagon         19.44/300         Classic ammunition with expanding jacketed hollow point bullet with top accuracy.         277	type:(g/gr):velocity (m/s):FMJ-FP10.2/158Classic ammunition with high reliability.395StandardJHP10.2/158Classic ammunition with expanding jacketed hollow point bullet with high stopping power.395StandardHexagon11.66/180Classic ammunition with expanding jacketed hollow point bullet with top accuracy.340Lead FreeFMJ-FP9/139Classic ammunition with high reliability.StandardFMJ-FP10.2/158Classic ammunition with high reliability.295StandardJHP10.2/158Classic ammunition with expanding jacketed hollow point bullet with high stopping power.295StandardLRN10.2/158Classic ammunition with lead round nose bullet.295StandardLWC9.6/146Classic ammunition with lead wad cutter bullet. Excellent precision at low velocity.265StandardCLRN10.2/158Classic ammunition with low pollution.295Lead FreeFCP TC10.2/158Classic ammunition with full copper plated truncated cone bullet with high stopping power.295Lead FreeFMJ-FP14.9/230Classic ammunition with expanding jacketed hollow point bullet with high stopping power.368StandardHexagon19.44/300Classic ammunition with expanding jacketed hollow point bullet with top accuracy.277Lead Free



.357 Magnum HEXAGON 11.664g



.38 Special JHP 10.2g



.44 Magnum FMJ-FP 14.9g



## **Assault Rifle Ammunition**



MFS offers ammunition for assault rifles and light machine guns provide an above average hit accuracy and reliability. Its performance in action has been confirmed by numerous armed forces. MFS has long experience in the production of top-quality ammunition.

Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
5,56×45	SS109	4/63	NATO standard steel core service ammunition.	990	Standard	МСМОРІ
5,56×45	FMJ M193	3.6/55	NATO standard lead core service ammunition.	945	Standard	МСМОРІ
7,62×39	FMJ	8/124	Lead core training ammunition.	740	Standard	C.I.P
7,62×39	FMJ-BT	7.9/121	Steel core service ammunition.	730	Standard	TLB
7,62×39	AP	7.9/121	High-performance tungsten carbide core round for maximum penetrating power.	730	Standard	TLB
7,62×39 Blank	Blank	N/A	Blank ammunition for training purposes.	N/A	Standard	TLB
7,62×54R	AP	10.7/165	High-performance tungsten carbide core round for maximum penetrating power.	820	Standard	TLB
7,62×54R	FMJ-BT	9.6/148	Steel core service ammunition for machnine guns.	880	Standard	TLB
7,62×54R	Blank	N/A	Blank ammunition for training purposes.	N/A	Standard	TLB



5,56×45 HC (SS109) 4.0g-62gr



7,62×39 Blank



7,62×39 AP



7,62×39 FMJ 80g



7,62×54R Blank





# Selection for Law Enforcement Organizations

MFS offers ammunition with the conventional full metal jacket bullets and the modern hollow point expanding bullets for the law enforcement organizations. The increasing magnitude of violence in urban areas calls for ammunition that is able to stop offenders with effectiveness to ward off the danger and minimize the risk of unwanted consequences.

Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
.45 ACP	FMJ	14.9/230	Classic subsonic ammunition with high reliability - 11.43×23mm.	261	Standard	C.I.P
.45 ACP	JHP	14.9/230	Classic subsonic ammunition with high stopping power - 11.43×23mm.	260	Standard	C.I.P
5,56×45	SS109	4/63	NATO standard steel core service ammunition.	990	Standard	МСМОРІ
5,56×45	FMJ M193	3.6/55	NATO standard lead core service ammunition.	945	Standard	МСМОРІ
7,62×39	FMJ	8/124	Lead core training ammunition.	740	Standard	C.I.P
7,62×39	FMJ-BT	7.9/121	Steel core service ammunition.	730	Standard	TLB
7,62×39 Blank	Blank	N/A	Blank ammunition for training purposes.	N/A	Standard	TLB
7,62×54R	FMJ-BT	9.6/148	Steel core service ammunition for machnine guns.	880	Standard	TLB
9×18 Makarov	FMJ	6.15/95	Traditional Soviet/Russian caliber with low recoil.	310	Standard	C.I.P
9×19 Luger	FMJ	7.5/115	Training ammunition, especially suitable for outdoor shooting ranges.	370	Standard	C.I.P
9×19 Luger	FMJ	8/124	Training ammunition, especially suitable for outdoor shooting ranges.	380	Standard	C.I.P
9×19 Luger	Hexagon	8/124	Hollow point Hexagon bullet with top accuracy, 25mm at 25 m.	350	Lead Free	C.I.P
9×19 Luger	JHP	8/124	The expanding jacketed hollow point bullet with top accuracy.	362	Standard	C.I.P
9×19 Luger	МНР	7/108	Monolith hollow point bullet with extreme expansion and with low pollution.	400	Lead Free	C.I.P
9×19 Luger	Subsonic JHP	9.5/147	Subsonic ammunition with JHP bullet.	315	Standard	C.I.P
9×19 Luger	Subsonic FMJ-FP	10/154	Subsonic ammunition with FMJ flat point bullet.	315	Standard	C.I.P
9×19 Luger	Frangible SX	6.4/98	Non-toxic ammunition for tactical training with reduced risk of ricochets.	430	Lead Free	C.I.P
9×19 Luger	TMJ	8/124	TMJ (encapsulated) bullet for training and service, especially suitable for indoor shooting ranges.	370	Lead Free	C.I.P



5,56×45 HC (SS109) 4.0g-62gr



7,62×39 FMJ 80g



9×19 TMJ SX 8.0g-124gr



9×19 HP SXF 8.0g-124gr





# **Selection for Armed Forces**

MFS offers ammunition for the armed forces in NATO and in Soviet caliber as well. MFS has long experience in production of high quality machine gun and assault rifle service and training ammunition.

Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
.45 ACP	FMJ	14.9/230	Classic subsonic ammunition with high reliability - 11.43×23mm.	261	Standard	C.I.P
5,56×45	SS109	4/63	NATO standard steel core service ammunition.	990	Standard	МСМОРІ
5,56×45	FMJ M193	3.6/55	NATO standard lead core service ammunition.	945	Standard	МСМОРІ
7,62×39	FMJ	8/124	Lead core training ammunition.	740	Standard	C.I.P
7,62×39	FMJ-BT	7.9/121	Steel core service ammunition.	730	Standard	TLB
7,62×39	AP	7.9/121	High-performance tungsten carbide core round for maximum penetrating power.	730	Standard	TLB
7,62×39 Blank	Blank	N/A	Blank ammunition for training purposes.	N/A	Standard	TLB
7,62×54R	AP	10.7/165	High-performance tungsten carbide core round for maximum penetrating power.	820	Standard	TLB
7,62×54R	FMJ-BT	9.6/148	Steel core service ammunition for machnine guns.	880	Standard	TLB
7,62×54R	Blank	N/A	Blank ammunition for training purposes.	N/A	Standard	TLB
9×18 Makarov	FMJ	6.15/95	Traditional Soviet/Russian caliber with low recoil.	310	Standard	TI
9×19 Luger	FMJ	7.5/115	Training ammunition, especially suitable for outdoor shooting ranges.	370	Standard	C.I.P
9×19 Luger	FMJ	8/124	Training ammunition, especially suitable for outdoor shooting ranges.	380	Standard	C.I.P
9×19 Luger	Subsonic JHP	9.5/147	Subsonic ammunition with JHP bullet.	315	Standard	C.I.P
9×19 Luger	Subsonic FMJ-FP	10/154	Subsonic ammunition with FMJ flat point bullet.	315	Standard	C.I.P
9×19 Luger	Frangible SX	6.4/98	Non-toxic ammunition for tactical training with reduced risk of ricochets.	430	Lead Free	C.I.P
9×19 Luger	TMJ	8/124	Pollution-reduced TMJ (encapsulated) bullet ammunition for training and service, especially suitable for indoor shooting ranges.	370	Lead Free	C.I.P
9×19 Luger	NATO FMJ	8/24	The most popular FMJ service ammunition according to NATO requirements.	395	Standard	МСМОРІ
9×19 Luger	NATO TMJ SX	8/124	Pollution-reduced TMJ (encapsulated) service ammunition according to NATO requirements.	395	Lead Free	МСМОРІ



9×19 NATO TMJ SX 7.5g-115gr



5,56×45 HC (SS109) 4.0g-62gr



7,62×39 AP



7,62×39 FMJ 80g



7,62×54R Blank





# Components, Alarm and Livestock Stunning Ammunition

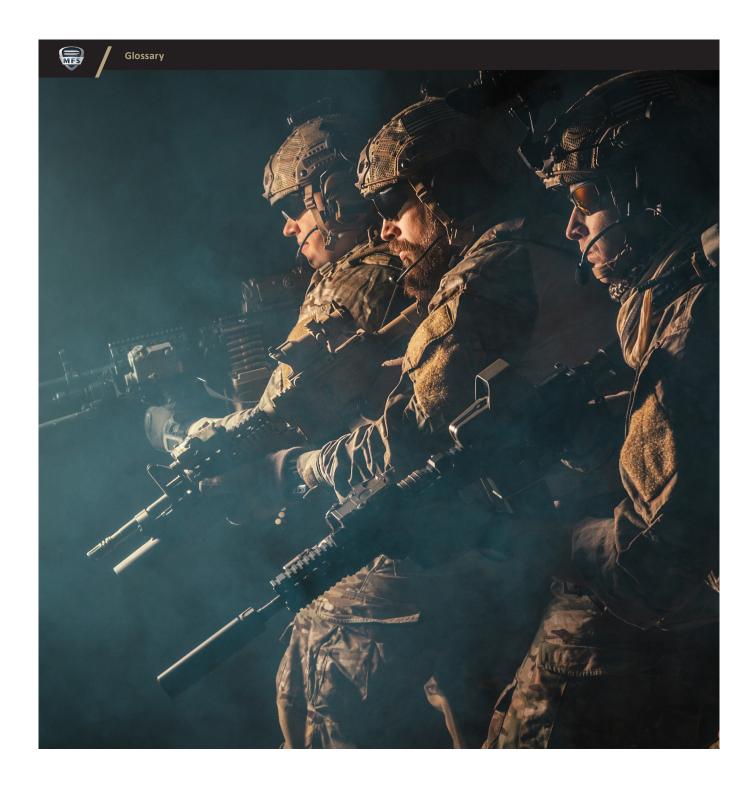
<u>Cartridge Cases:</u> MFS produces not only cartridge cases of the most commonly used calibers for defense and law enforcement organizations (5,56mm, 7,62mm and 9mm) but also a large variety of pistol and revolver cases.

<u>Projectiles:</u> Besides projectiles of the most commonly used calibers for defense and law enforcement (5,56mm, 7,62mm and 9mm). MFS also manufactures a large variety of other pistol and revolver projectiles.

<u>Alarm and Livestock Stunning Cartridges:</u> MFS produces high quality blank, alarm and livestock stunning cartridges for private and for industrial usage.

Caliber:	Description:	Primer:	Muzzle velocity (m/s):
.315 Knall	For deterrence or firing of fireworks and signal ammunitions from gas and signal guns.	Standard	C.I.P.
8 mm Knall	For deterrence or firing of fireworks and signal ammunitions from gas and signal guns.	Standard	C.I.P.
9 mm PA Knall	For deterrence or firing of fireworks and signal ammunitions from gas and signal guns.	Standard	C.I.P.
9 mm PA Knall HL	. For deterrence or firing of fireworks and signal ammunitions from gas and signal guns.	Standard	C.I.P.
9 RB Knall	For deterrence or firing of fireworks and signal ammunitions from gas and signal guns.	Standard	C.I.P.
9×17 Green	For ammunition operated livestock bolt stunning tools for private and industrial usage. For small cattle and pigs.	Standard	C.I.P.
9×17 Blue	For ammunition operated livestock bolt stunning tools for private and industrial usage. For heavy oxen.	Standard	C.I.P.
9×17 Red	For ammunition operated livestock bolt stunning tools for private and industrial usage. For the heaviest livestock.	Standard	C.I.P.
9×17 Yellow	For ammunition operated livestock bolt stunning tools for private and industrial usage. For cows and horses.	Standard	C.I.P.





# Glossary

Α	P	Armour Piercing	JSC	Jacketed Soft Core
В	С	Ballistic Coefficient C1 (ICAO)	Lead free	Non-corrosive, mercury and lead free primer
C	.I.P.	Commission Internationale Permanente	LF	Lead free
		pour l'Epreuve des Armes à Feu Portatives	MCMOPI	Multi-Calibre Manual of Proof
FI	MJ	Full Metal Jacket		and Inspecion Procedures
FI	MJFP	Full Metal Jacket Flat Point	(+P)	Higher Pressure
Н	Α	High Accuracy	SFNBT	Solid Flat Nose Boat Tail
Н	С	Hard Core	SHP	Solid Hollow Point
Н	Р	Hollow Point	Standard	Non-corrosive and mercury free primer
Н	PBT	Hollow Point Boat Tail	TC	Tungsten Carbid Core
Jŀ	HC	Jacketed Hard Core	TMJ	Total Metal Jacket (encapsulated)
Jŀ	НP	Jacketed Hollow Point	TR	Technische Richtlinie

### **About Us**

MFS is a European small-caliber ammunition provider that delivers the best in class solution to accomplish your challenging missions.



### Our main USPs

Quality defense and law enforcement portfolio in small-caliber ammunition

Trusted, responsive and solution-driven partner of choice

Innovative and modern production systems

### Our Mission

To provide high quality and reliable ammunition through well-proven manufacturing and businesses practices.

### Our Vision

To be a quality ammunition supplier for the defense and law enforcement organizations worldwide.

### **Company story**

Based on the heritage and the expertise of the Hungarian ammunition manufacturing dated back to "Magyar Fegyver és Lőszergyár Inc." in 1881, our predecessor company "Mátravidéki Fémművek Ltd". was established in Sirok, Hungary in 1952. The focus was on supplying ammunition to the Hungarian military and law enforcement organizations during the cold war in the 1950's. With the help of an additional investment to the factory, the production of new types of ammunition started to enter the sport and hunting market in the late 1950's with the brand name of "MFS" (Mátravidéki Fémművek Sirok – Matra Metalworks Sirok) and exported its product to more than 70 countries.

A major milestone was in the life of our company when RUAG Ammotec Group (ammunition producer of Geco, Norma, RWS, Rottweil and Swiss P brands) acquire the factory and the brand name in 2009. After the acquisition, it was integrated into RUAG's German and Swiss systems by introducing top-notch technologies and processes in order to supply the premium brands of the group with pistol and revolver ammunition. We are able to manufacture ammunition according to C.I.P., to NATO and to the former Soviet/Russian standards.

Strict quality management, according to ISO 9001 and AQAP standards with regular audits and certifications, supervises the production. Our R&D unit is in line with the market trends and it makes sure that MFS is able to launch new products annually. One of our latest achievements is the high accuracy MFS pistol and revolver ammunition family.

RUAG Ammotec group decided to reintroduce MFS brand to be its main pillar to its dynamic expansion of its worldwide defense and law enforcement business with NATO standard ammunition.

# MFS is a proud member of RUAG Ammotec group



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