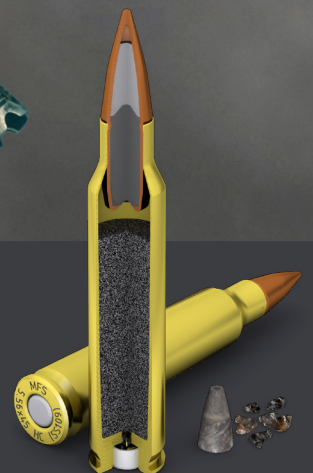




Passion for Ammunition



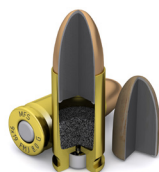


9x19 Luger Ammunition Range, FMJ Bullets

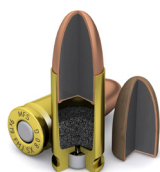
The full metal jacketed bullets of MFS work reliably in all pistol types and makes. The cartridges comply with the specifications of C.I.P. or NATO. Cost effective versatile round, perfectly suitable for both training and service purposes. Preserves the weapon's service life. Trusted by Law Enforcement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

Please check our web site for further details and updates.

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	MCMOPI
9×19 Luger	NATO TMJ SX	8/124	Pollution-reduced TMJ ammunition according to NATO requirements.	395	Lead Free	MCMOPI



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.

Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
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	Hexagon	8/124	Hollow point Hexagon bullet with top accuracy, 25mm at 25 m.	350	Lead Free	C.I.P
9×19 Luger	JHP	7.5/115	Expanding jacketed hollow point bullet with top accuracy.	370	Standard	C.I.P
9×19 Luger	JHP	8/124	Expanding jacketed hollow point bullet with top accuracy.	362	Standard	C.I.P
9×19 Luger	JHP	9.5/147	Expanding jacketed hollow point bullet with top accuracy.	350	Standard	C.I.P
9×19 Luger	MHP	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



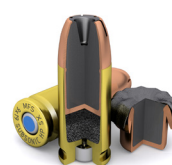
9×19 Frangible SX
6.4g-98gr



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.

Please check our web site for further details and updates.

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	MHP	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



.380 ACP FMJ



**.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, 9×18 Makarov or the 9×21 for civilian market in Italy and in South America.

Please check our web site for further details and updates.

Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
7,65 Browning	FMJ	4.6/71	Traditional caliber with low recoil - .32 ACP/7,65x17.	300	Standard	C.I.P
7,65 Browning	FMJ	4.75/73	Traditional caliber with low recoil - .32 ACP/7,65x17.	300	Standard	C.I.P
7,65 Browning	FMJ	6/93	Traditional caliber with low recoil - .32 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.

Please check our web site for further details and updates.

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



.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.

Please check our web site for further details and updates.

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	MCMOPI
5,56×45	FMJ M193	3.6/55	NATO standard lead core service ammunition.	945	Standard	MCMOPI
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 machine 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.

Please check our web site for further details and updates.

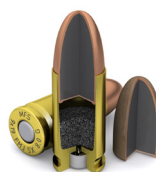
Caliber:	Bullet type:	Weight (g/gr):	Description:	Muzzle velocity (m/s):	Primer:	Reference:
.45 ACP	FMJ	14.9/230	Classic subsonic ammunition with high reliability - 11.43×23mm.	261	Standard	C.I.P
.45 ACP	JHP	14.9/230	Classic subsonic ammunition with high stopping power - 11.43×23mm.	260	Standard	C.I.P
5,56×45	SS109	4/63	NATO standard steel core service ammunition.	990	Standard	MCMOPI
5,56×45	FMJ M193	3.6/55	NATO standard lead core service ammunition.	945	Standard	MCMOPI
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 machine 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	MHP	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



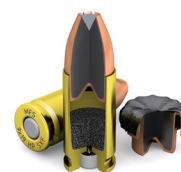
5,56×45 HC (SS109)
4.0g-62gr



7,62×39 FMJ
80g



9×19 TMJ SX
8.0g-124gr



9×19 HP SXF
8.0g-124gr

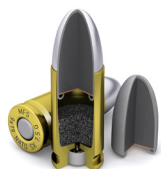


Selection for Armed Forces

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.

Please check our web site for further details and updates.

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	MCMOPI
5,56×45	FMJ M193	3.6/55	NATO standard lead core service ammunition.	945	Standard	MCMOPI
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 machine 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	MCMOPI
9×19 Luger	NATO TMJ SX	8/124	Pollution-reduced TMJ (encapsulated) service ammunition according to NATO requirements.	395	Lead Free	MCMOPI



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

Cartridge Cases: 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.

Projectiles: 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.

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

Please check our web site for further details and updates.

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

AP	Armour Piercing	JSC	Jacketed Soft Core
BC	Ballistic Coefficient C1 (ICAO)	Lead free	Non-corrosive, mercury and lead free primer
C.I.P.	Commission Internationale Permanente pour l'Epreuve des Armes à Feu Portatives	LF	Lead free
FMJ	Full Metal Jacket	MCMOPI	Multi-Calibre Manual of Proof and Inspection Procedures
FMJFP	Full Metal Jacket Flat Point	(+P)	Higher Pressure
HA	High Accuracy	SFNB	Solid Flat Nose Boat Tail
HC	Hard Core	SHP	Solid Hollow Point
HP	Hollow Point	Standard	Non-corrosive and mercury free primer
HPBT	Hollow Point Boat Tail	TC	Tungsten Carbide Core
JHC	Jacketed Hard Core	TMJ	Total Metal Jacket (encapsulated)
JHP	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



RUAG Hungarian Ammotec Inc.

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SCAN ME

