



Cal. 7.62x39mm

M67 Ball, M78 Tracer, API, AP

Cal. 7.62x39mm | BALLISTIC DATA

Cal. 7.62x39mm with bullet	V _{23,77} (m/s)	P (bar)	Accuracy mean radius (cm) at 300 m	Tracer visibility
M67 Ball	733 ± 8	max. 2550	max. 11	-
M78 Tracer	706 ± 8	max. 2550	max. 22	Dim trace to min. 15 m from the weapon, visible from max. 115 m to min 800 m from the weapon
API	733 ± 8	max. 2550	max. 15	-
AP	733 ± 8	max. 2550	max. 15	-

Used for 7.62x39mm weapon caliber

Penetration API, AP: The bullet shall demonstrate complete penetration of 6 mm thick armour plate, min. 420 HB, located 100 meters from the weapon.
Incendiary API: At 100 m, the incendiary composition of bullets shall ignite cloth soaked in petrol located behind the armour plate.

Cal. 7.62x39mm | TECHNICAL DATA

Element		Material				Weight (g)				Length (mm)			
		M67 Ball	M78 Tracer	API	AP	M67 Ball	M78 Tracer	API	AP	M67 Ball	M78 Tracer	API	AP
Bullet	<i>Jacket</i>	<i>Tombac</i>	<i>Tombac</i>	<i>Copper washer steel strip</i>	<i>Tombac</i>	<i>8,00</i> <i>(123 gr)</i>	<i>7,7</i> <i>(119 gr)</i>	<i>7,55</i> <i>(116 gr)</i>	<i>8,00</i> <i>(123 gr)</i>	<i>23,9</i>	<i>27,4</i>	<i>26,4</i>	<i>25,3</i>
	<i>Core</i>	<i>Lead antimony</i>	<i>Lead antimony</i>	<i>Steel</i>	<i>Lead antimony and steel</i>								
	<i>Tracer mixture</i>	-	<i>Tracer compos.</i>	-	-								
	<i>Cup, closure</i>	-	<i>Tombac</i>	-	-								
	<i>Tube</i>	-	<i>Tombac</i>	<i>Tombac</i>	-								
	<i>Filler</i>	-	-	<i>Incend. comp.</i>	-								
	<i>Liner</i>			<i>Lead antimony</i>									
Cartridge case		Brass				~ 7,40				38,65			
Propelling charge		Spherical powder				~ 1,67	~ 1,62	~ 1,70	~ 1,70	-			
Primer		Boxer non-corrosive				0,34				3,30			
Cartridge						Average Q (100) ± 1 g				55,80			

Cal. 7.62x39mm | PACKAGING

Version 1	Version 2
<ul style="list-style-type: none">• 15 rounds in cardboard box• 54 cardboard boxes (810 rounds) in metal box M2A1• 2 metal boxes (1620 rounds) in wooden crate	<ul style="list-style-type: none">• 15 rounds in cardboard box• 8 cardboard boxes (120 rounds) in PVC bag• 7 PVC bags (840 rounds) in carton case