



Cal. 7.62x51mm

API, APT

Cal. 7.62x51mm | BALLISTIC DATA

| Cal. 7.62x51mm with bullet | Energy (J) at 24 m from the muzzle | V _{23,77} (m/s) | P+3Sd (bar) | Accuracy Sdx/Sdy (cm) at 550 m | Tracer visibility |
|----------------------------|------------------------------------|--------------------------|-------------|--------------------------------|---|
| API | min. 2756 | 833,6 ± 9,14 | max. 4450 | max. 30 | - |
| APT | min. 2756 | 812,3 ± 9,14 | max. 4450 | max. 30 | Dim trace to min. 13 m from the weapon, visible from max. 140 m to min. 775 m from the weapon |

Used for 7.62x51mm weapon caliber

Penetration API, APT: The bullet shall demonstrate complete penetration of 6 mm thick armour plate, min 420 HB, located 100 meters from the weapon.

Penetration API: At 100 m, the incendiary composition of bullets shall ignite cloth soaked in petrol located behind the armour plate.

Cal. 7.62x51mm | TECHNICAL DATA

| Element | Material | | Weight (g) | | Length (mm) | |
|-------------------|----------------------------|--------------------------------|-----------------------|----------|-------------|-------|
| | API | APT | API | APT | API | APT |
| Bullet | <i>Jacket</i> | <i>Tombac</i> | | | | |
| | <i>Core</i> | <i>Lead antimony and steel</i> | 8,75 | 8,70 | | |
| | <i>Tracer mixture</i> | - | (135 gr) | (134 gr) | 32,20 | 35,00 |
| | <i>Cup, closure</i> | - | | | | |
| | <i>Filler, point</i> | <i>Incend. compos.</i> | | | | |
| | <i>Tube</i> | <i>Lead antimony</i> | | | | |
| Cartridge case | <i>Brass</i> | | ~11,50 | | 51,18 | |
| Propelling charge | <i>Spherical powder</i> | | ~2,80 | | - | |
| Primer | <i>Boxer non-corrosive</i> | | 0,34 | | 3,30 | |
| Cartridge | | | Average Q (100) ± 1 g | | 71,12 | |

Cal. 7.62x51mm | PACKAGING

| Version 1 | Version 2 |
|--|---|
| <ul style="list-style-type: none"> • 20 rounds in cardboard box • 28 cardboard boxes (560 rounds) in metal box M2A1 • 2 metal boxes (1120 rounds) in wooden crate | <ul style="list-style-type: none"> • 20 rounds in cardboard box • 10 cardboard boxes (200 rounds) in PVC bag • 5 PVC bags (1000 rounds) in carton case |