

120mm ammunition for NATO guns

This ammunition complies with all the STANAG 4385 and MOPI AEP 26 requirements and can be fired by the LECLERC, Abrams M1 (A1 and A2), Leopard 2, C1 Ariete and other MBTs fitted with a 120mm smoothbore gun.



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MISSIONS

Family of ammunition for Main Battle Tanks, consisting of:

Two combat rounds

- 120 APFSDS armour piercing round with tungsten penetrator for destruction of heavy vehicles
- 120 HE High Explosive round against dismounted troops, buildings, slightly armoured vehicles, miscellaneous vehicles.

Two practice rounds for tank crew firing training

- 120 APFSDS-TP-T G practice armour-piercing round
- 120 HEAT-TP practice anti-tank round

Drill rounds for tank crew familiarisation with ammunition handling

- 120 APFSDS
- 120 HE
- 120 APFSDS-TP
- 120 HEAT-TP



SPECIFICATIONS

	120 APFSDS	120 HE	120 APFSDS-TP	120 HEAT-TP
Application	Combat	Combat	Training	Training
Main characteristics				
Total length (mm)	984	945	900	983
Total weight (kg)	19.6	27	18	24.3
Projectile weight (kg)	7.3	16.8	6.1	14.4
Muzzle v. [52 cal. gun] (m/s)	1,790	1,050	1,750	1,100
Projectile type	Tungsten penetrator	High explosive	Inert	Inert
Case type	Combustible	Combustible	Combustible	Combustible
Powder type	Double base	Single base	Single base	Single base
Primer type	Electric & combustible	Electric & combustible	Electric & combustible	Electric & combustible
Operational range (m)	4,000	4,000	2,500	3,000
Packaging	1 cartridge per plastic container and 12 or 20 containers per pallet			
Temperature limits				
Minimum storage* (°C)	-51	-51	-51	-51
Maximum storage* (°C)	+70	+70	+70	+70
Minimum firing (°C)	-40	-40	-40	-40
Maximum firing (°C)	+51	+51	+51	+51

* As per STANAG 2895

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